



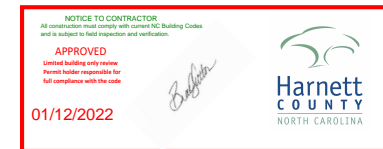
NORTH CAROLINA 50' SERIES PLAN 150.1773-R

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 - B.B5 PARTIAL FLOOR PLAN, ROOF & ELEVATIONS 'B' W/ OPT. SCREENED-IN COVERED PATIO 'B'
 - B.B6 PARTIAL FLOOR PLANS, ROOF & ELEVATIONS 'B' W/ OPT. EXTENDED SCREENED-IN COVERED PATIO 'B'
 - B.C1 PARTIAL FLOOR PLAN, ROOF & ELEVATIONS 'C' W/ OPT. COVERED PATIO 'C'
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 - B.C6 PARTIAL FLOOR PLANS, ROOF & ELEVATIONS 'C' W/ OPT. EXTENDED SCREENED-IN COVERED PATIO 'C'
 - B.D1 PARTIAL FLOOR PLAN, ROOF & ELEVATIONS 'D' W/ OPT. COVERED PATIO 'D'
 - B.D2 PARTIAL FLOOR PLANS, ROOF & ELEVATIONS 'D' W/ OPT. EXTENDED SCREENED-IN COVERED DECK 'D'
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 - AD6 ARCHITECTURAL DETAILS
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NORTH CAROLINA 50' SERIES

KB HOME
NORTH CAROLINA DIVISION
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2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999:57
DIVISION MGR.: MP

REVISIONS:
1 VENTILATION NC2008NCP/ 01/17/20 /KBA
2 ADD NOTE TO TS NC2003NCP - 10/06/20 - KBA

APPLICABLE CODES: 2018 NORTH CAROLINA STATE BUILDING CODE; RESIDENTIAL CODE, INCLUDING REFERENCED CODES AND STANDARDS		CODE ABBREVIATIONS	
PROJECT DESCRIPTION: 1 STORY SINGLE FAMILY DETACHED RESIDENTIAL PLAN W/ 4 ELEVATIONS		N.C.-R. NORTH CAROLINA RESIDENTIAL CODE N.C.-B. NORTH CAROLINA BUILDING CODE N.C.-M. NORTH CAROLINA MECHANICAL CODE N.C.-P. NORTH CAROLINA PLUMBING CODE N.C.-F. NORTH CAROLINA FUEL GAS CODE N.C.-E. NORTH CAROLINA ELECTRICAL N.C.-EG. NORTH CAROLINA ENERGY CODE N.E.C. NATIONAL ELECTRICAL CODE I.C.B.O. INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS A.S.T.M. AMERICAN SOCIETY FOR TESTING MATERIALS N.F.P.A. NATIONAL FIRE PROTECTION ASSOCIATION A.N.S.I. AMERICAN NATIONAL STANDARDS INSTITUTE I.E.C.C. INTERNATIONAL ENERGY CONSERVATION CODE I.C.C. INTERNATIONAL CODE COUNCIL U.L. UNDERWRITERS LABORATORIES, INC.	
OCCUPANCY: R3		CONSTRUCTION TYPE: V - B	

SQUARE FOOTAGE

PLAN 150.1773-R			
FIRST FLOOR AREA		1773	SQ. FT.
TOTAL AREA		1773	SQ. FT.
GARAGE AREA		424	SQ. FT.
PORCH AREA(S)	ELEVATION 'A'	51	SQ. FT.
	ELEVATION 'B'	91	SQ. FT.
	ELEVATION 'C'	129	SQ. FT.
	ELEVATION 'D'		
OPTIONS:			
PATIO AREA(S)	COVERED PATIO	100	SQ. FT.
	EXTENDED COVERED PATIO	200	SQ. FT.
	SCREENED-IN COVERED PATIO	100	SQ. FT.
	EXTENDED SCREENED-IN COV. PATIO	200	SQ. FT.
DECK AREA(S)	OPEN DECK	144	SQ. FT.
	EXTENDED OPEN DECK	240	SQ. FT.
	SCREENED-IN DECK	144	SQ. FT.
	EXTENDED SCREENED-IN DECK	240	SQ. FT.

NOTES

1 ALL EXPOSED PORTIONS OF CONCRETE SLAB FOUNDATIONS ARE TO BE 'FARGED'.

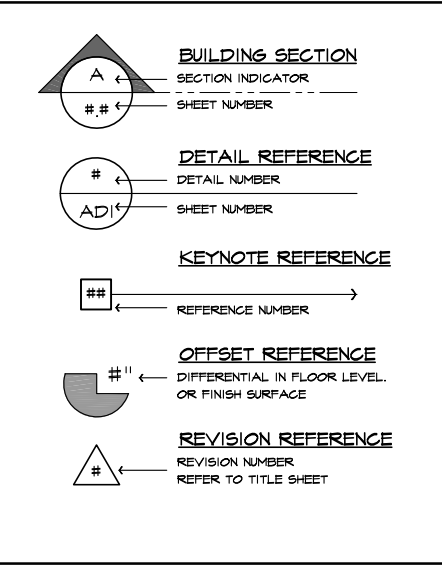
REVISION LIST

DELTA	DATE	SHEETS REVISED	LOG NUMBER

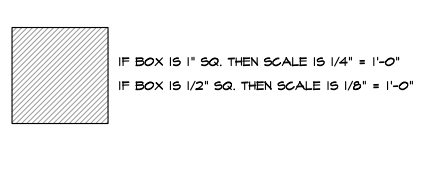
ABBREVIATIONS

ABV. ABOVE	6.F.I. GROUND-FAULT CIRCUIT INTERRUPTER	R.O. ROUGH OPENING
A/C AIR CONDITIONING	S & P S & P	SHELF AND POLE
ADJ. ADJUSTABLE	S.I. GALVANIZED IRON	S.C. SOLID CORE
ALT. ALTERNATE	GL. GLASS	S.D. SMOKE DETECTOR
AMP. AMPERAGE	6YP. BD. GYPSUM BOARD	SEC. SECTION
BD. BOARD	H.C. HOLLOW CORE	S.H. SINGLE HUNG
¢ CENTER LINE	HDR. HEADER	SHT. SHEET
CAB. CABINET	HGT. / HT. HEIGHT	SHTS. SHEATHING
CLG. CEILING	H.H. HEADER HEIGHT	SHWR. SHOWER
CLR. CLEAR	HS. HORIZONTAL SLIDER	SIM. SIMILAR
CONC. CONCRETE	I.L.O. IN LIEU OF	SL. SLIDING
CPT. CARPET	INSUL. INSULATION	SLD. SLIDING GLASS
C.T. CERAMIC TILE	INT. INTERIOR	STD. STANDARD
D. DRYER	LAM. LAMINATED	S.V. SHEET VINYL
DBL. DOUBLE	LAV. LAVATORY	TEMP. TEMPERED GLASS
D.G. DUAL GLAZED	LUM. LUMINOUS	THK. THICK
DIA. DIAMETER	M.C. MEDICINE CABINET	T.O.C. TOP OF CURB
DIM. DIMENSION	MFR. MANUFACTURER	T.O.P. TOP OF PLATE
DISP. DISPOSAL	MIN. MINIMUM	T.O.S. TOP OF SLAB
D.L. DIVIDED LIGHT	MTD. MOUNTED	TYP. TYPICAL
DP. DEEP	MTL. METAL	U.N.O. UNLESS NOTED OTHERWISE
DR. DOOR	N.I.C. NOT IN CONTRACT	V.P. VAPOR PROOF
D.S. DOWNSPOUT	N.T.S. NOT TO SCALE	W. WASHER
DTL. DETAIL	O. OVER	W. WITH
D.W. DISHWASHER	O.C. ON CENTER	WD. WOOD
EA. EACH	O.P.T. OPTIONAL	WIN. WINDOW
ELEV. ELEVATION	O.S.A. OUTSIDE AIR	WH. WATER HEATER
EQ. EQUAL	P. PROPERTY LINE	WI. WROUGHT IRON
EXH. EXHAUST	P.B. PUSH BUTTON	WP. WEATHER PROOF
EXT. EXTERIOR	PH. PHONE	
FAU. FORCED AIR UNIT	PLT. PLATE	
F.C. FIBER CEMENT	PLYND. PLYWOOD	
F.G./FX. FIXED GLASS	FR. PAIR	
F.G. FUEL GAS	P.T.D.F. PRESSURE TREATED DOUGLAS FIR	
FIN. FINISH	R. RISER	
FLR. FLOOR	RAD. RADIUS	
FLR. LINE FLOOR LINE	R.A.S. RETURN AIR GRILL	
FLUOR. FLUORESCENT	REF. REFRIGERATOR	
FR. DR. FRENCH DOOR	RE/S RE-SAVIN	
F.M.C. FLOOR MATERIAL CHANGE	REV. REVERSE	
FTG. FOOTING	RM. ROOM	
GA. GAUGE		
GAR. DISP. GARBAGE DISPOSAL		

ARCH. SYMBOLS

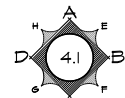


SCALE NOTE



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PLAN:
150.1773-R
SHEET:
TS
SPEC. LEVEL 1
**RALEIGH-DURHAM
50' SERIES**



INTERIOR KEY

SQUARE FOOTAGE

PLAN 150.1773-R	
FIRST FLOOR AREA	1773 SQ. FT.
TOTAL AREA	1773 SQ. FT.
GARAGE AREA	424 SQ. FT.
PORCH AREA(S)	ELEVATION 'A' 51 SQ. FT. ELEVATION 'B' 51 SQ. FT. ELEVATION 'C' 41 SQ. FT. ELEVATION 'D' 124 SQ. FT.

OPTIONS	
PATIO AREA(S)	COVERED PATIO 100 SQ. FT. EXTENDED COVERED PATIO 200 SQ. FT. SCREENED-IN COVERED PATIO 100 SQ. FT. EXTENDED SCREENED-IN COV. PATIO 200 SQ. FT.
DECK AREA(S)	OPEN DECK 144 SQ. FT. EXTENDED OPEN DECK 240 SQ. FT. SCREENED-IN DECK 144 SQ. FT. EXTENDED SCREENED-IN DECK 240 SQ. FT.

PLATE NOTES

8'-0" PLATE NOTES

WINDOW HEADER HEIGHT:	6'-8" U.N.O.
2nd FLOOR WINDOW HDR. HEIGHT:	7'-0" U.N.O.
ENTRY DOOR HEIGHT:	6'-8" U.N.O.
SLIDING GLASS DOOR HEIGHT:	6'-8" (TEMP.)
INTERIOR SOFFIT HEIGHT:	7'-4" U.N.O.
TRAY CEILING:	7'-4" U.N.O. INTO TRUSS U.N.O.
INTERIOR DOOR HEIGHT:	6'-8" U.N.O.

9'-0" PLATE NOTES

WINDOW HEADER HEIGHT 1st FL.:	8'-0" U.N.O.
WINDOW HEADER HEIGHT 2nd FL.:	7'-8" U.N.O.
4010 WINDOW OVER TUB HDR. HGT.:	8'-4" U.N.O.
ENTRY DOOR HEIGHT:	6'-8" U.N.O.
SLIDING GLASS DOOR HEIGHT:	6'-8" (TEMP.)
INTERIOR SOFFIT HEIGHT:	8'-0" U.N.O.
TRAY CEILING:	7" RISE INTO TRUSS U.N.O.
INTERIOR DOOR HEIGHT:	6'-8" U.N.O.

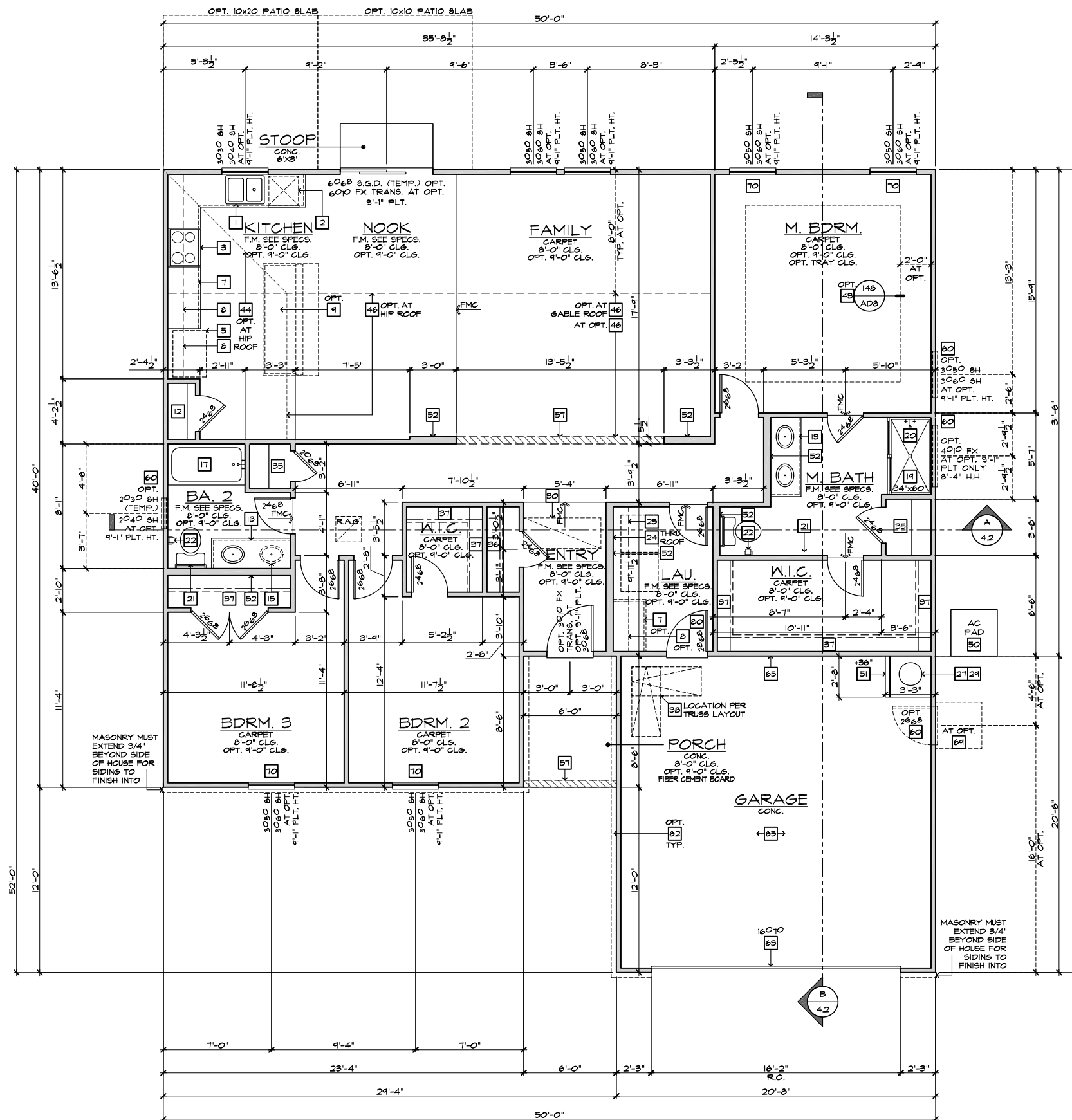
GENERAL PLAN NOTES

ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O.
 ALL INTERIOR DOORS TO BE HOLLOW CORE 1 3/8" THICK, U.N.O. (REFER TO PLAN FOR SIZE).
 ALL GARAGE SERVICE DOORS TO BE HOLLOW CORE EXTERIOR GRADE (REFER TO PLAN FOR SIZE).
 ALL HOUSE TO GARAGE DOORS TO BE 20-MINUTE FIRE-RATED (REFER TO PLAN FOR SIZE).
 ALL ENTRY DOORS AND EXTERIOR FRENCH DOORS TO BE SOLID CORE 1 3/4" THICK (REFER TO PLAN FOR SIZE).
 ALL FLOOR MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR JAMBES, U.N.O.

STAIR DATA NOTES

FIRST FLOOR WITH 8'-0" PLATE HEIGHT:
 14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING.
 14 TREADS AT 10" EACH
 15 RISERS AT 7-7/16" EACH

FIRST FLOOR WITH 9'-0" PLATE HEIGHT:
 14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING.
 15 TREADS AT 10" EACH
 16 RISERS AT 7-3/4" EACH



FLOOR PLAN 'A'

SCALE 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17")

BASIC PLAN

FLOOR PLAN NOTES

- NOTE: NOT ALL KEY NOTES APPLY.**
- SINK - GARBAGE DISPOSAL OPTIONAL - VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS
 - DISHWASHER - PROVIDE AIR GAP - VERIFY SPACING & DIMENSIONS PER MANUFACTURERS' SPECS
 - SLIDE-IN RANGE/OVEN COMBINATION W/ BUILT-IN NON-VENTED HOOD W/LIGHT & FAN - VERIFY WITH MANUFACTURERS' SPECS
 - 30" COOKTOP W/ BUILT-IN VENTED HOOD W/ LIGHT & FAN - VERIFY WITH MANUFURS' SPECS
 - 34" CLEAR REFRIGERATOR SPACE W/ OPTIONAL CABINETS ABOVE - OPT. PLUMBING FOR ICEMAKER (RECESSED IN WALL)
 - COMBINATION DOUBLE OVEN OR OVEN MICROWAVE OVEN OR OVEN VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS
 - BASE CABINETS - REFER TO INTERIOR ELEVATIONS
 - UPPER CABINETS - REFER TO INTERIOR ELEVATIONS
 - ISLAND CABINET - REFER TO INTERIOR ELEVATIONS
 - MIN. 12" BAR TOP/ BREAKFAST BAR
 - DESK AREA - REFER TO INTERIOR ELEVATIONS
 - BUILT-IN PANTRY (15" DEEP OR U.N.O.)
 - SINK CABINET(S) - REFER TO INTERIOR ELEVATIONS
 - SINK CABINET W/ EXTENDED VANITY & KNEE SPACE BELOW - REFER TO INTERIOR ELEVATIONS
 - OPT. SINK - REFER TO INTERIOR ELEVATIONS
 - KNEE SPACE - REFER TO INTERIOR ELEVATIONS
 - PRE-FAB. TUB/SHOWER COMBO W/ FIBERGLASS MAINSCOT TO 72" - VERIFY DIMENSIONS W/ MANUF'S SPECS
 - OVAL TUB - VERIFY DIMENSIONS WITH MANUF'S SPECS
 - PRE-FAB. SHOWER PAN W/ 30" MIN. CLR. INSIDE & MAINSCOT TO 72" - VERIFY DIMENSIONS W/ MANUF'S SPECS
 - SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE
 - TOWEL BAR - PROVIDE 2x SOLID BLK'S IN WALL
 - TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'S IN WALL
 - RECESSED, MIRROR MEDICINE CABINET
 - WASHER & DRYER - PROVIDE WATER & WASTE FOR WASHER - RECESS WASHER CONTROL VALVES IN WALL - VENT DRYER TO OUTSIDE AIR - ACCOMMODATE ABLE HANDICAPPED TO BE LOCATED WASHER AT LEFT AND DRYER AT RIGHT.
 - 12" SHELF PER SPECS
 - OPT. LAUNDRY SINK - REFER TO INTERIOR ELEV'S
 - WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO TS/AD-4)
 - RESERVED
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - FAUJ. LOCATION (REFER TO DETAIL 88/AD5)
 - RESERVED
 - LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF. 80/AD4) - INSTALL PER MFR. SPECS
 - HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE LISTING
 - GAS APPLIANCE B' VENT FROM BELOW
 55. LINEN PER SPECS (15" DEEP OR U.N.O.)
 - COAT CLOSET W/ SHELF & POLE (REFER TO DETAILS/AD4)
 - WARDROBE W/ SHELF & POLE (REFER TO DETAILS/AD4)
 - 22"x30" MIN. ATTIC ACCESS
25"x54" FULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED
 - LINE OF WALL BELOW
 - DUCT CHASE
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL 42/AD5)
 - LINE OF HIP AT OPTIONAL VOLUME CEILING
 - LINE OF RIDGE AT OPTIONAL VOLUME CEILING
 - CEILING BREAK
 - STAIR TREADS & RISERS - MIN. 10" TREAD & MAX. 7 3/4" RISER - (REFER TO DETAIL 81-82/AD5)
 - MIN. 42" HIGH GUARDRAIL (REFER TO DETAIL 86/AD5)
 - 34" TO 38" HIGH HANDRAIL (REFER TO DETAIL 88/AD5)
 - A/C PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - 2x6 BALLOON FRAMED WALL PER STRUCTURAL
 - DEL. 2x4 WALL PER PLAN
 - INTERIOR SHELF-SEE PLAN FOR HT.
 - MEDIA NICHE
 - FLAT SOFFIT - SEE ELEV. FOR HST.
 - ARCHED SOFFIT - SEE ELEV. FOR HST.
 - WINDOW SEAT
 - OPT. DOOR/WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYRON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS VENEER TO COMPLY WITH THE N.C.-R.
 - SECTIONAL GARAGE DOOR PER SPECS
 - MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USEABLE SPACE UNDER STAIR.
 - GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.
 - RESERVED
 - 5/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR ABV.
 - P.T. POST W/ WRAP
 - CONCRETE STOOP, 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
 - EGRESS WINDOW
 - PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT.
 - MDF TOP
 - PLUMBING DROP FROM ABOVE
 - ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN
 - WINDOW LEDGE, HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.
 - RESERVED
 - SLOPING LOW WALL 38" ABOVE ADJACENT TREADS
 - 20 MIN. FIRE-RATED DOOR



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DIVISION MGR.: MP

REVISIONS:



NO.	REVISION
1.	
2.	
3.	
4.	
5.	
6.	

PLAN:
150.1773-R

SHEET:
1.1

**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**

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2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP

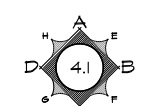
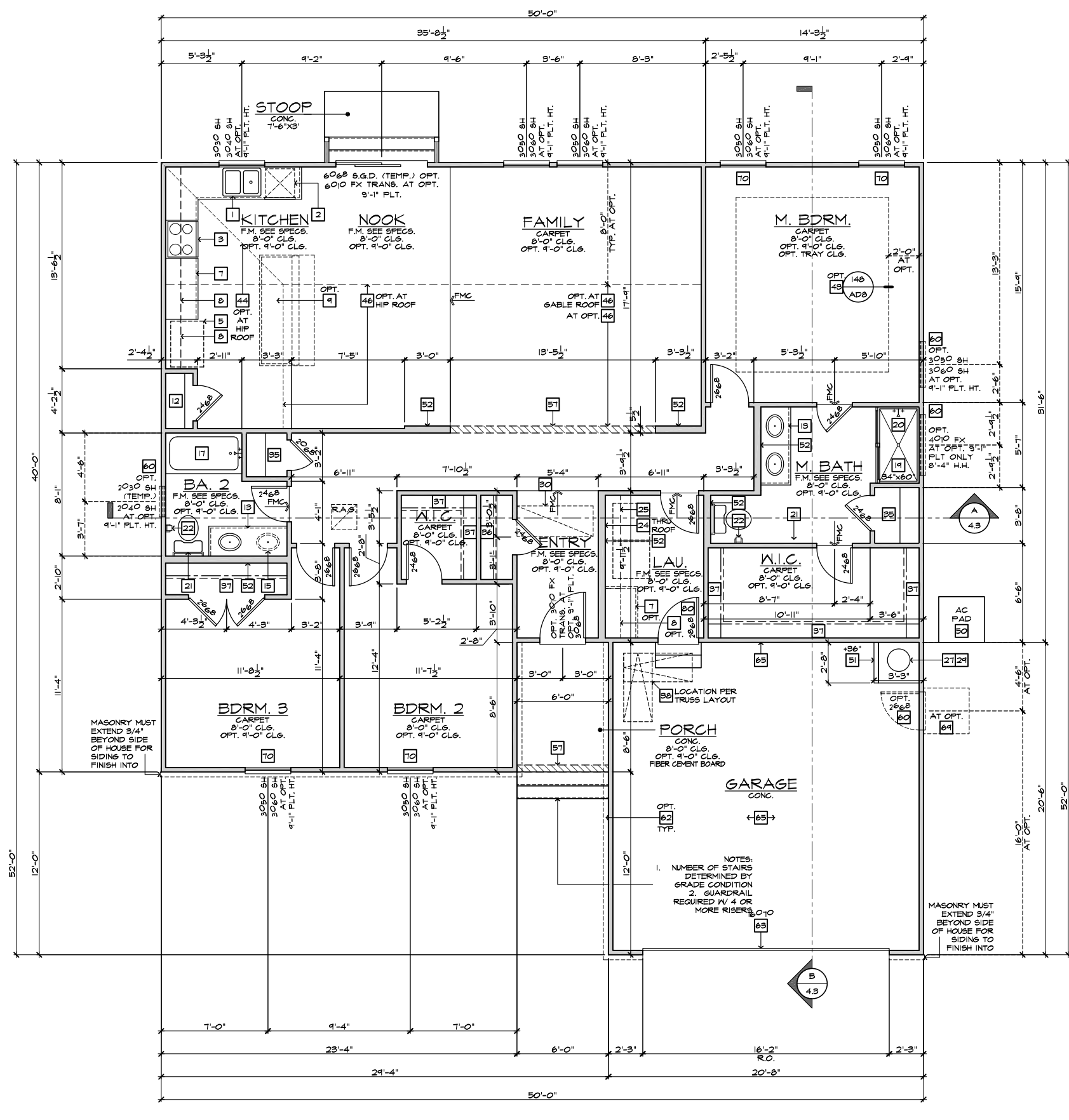
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PLAN:
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SHEET:
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SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

- # FLOOR PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- SINK - GARBAGE DISPOSAL OPTIONAL - VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS
 - DISHWASHER - PROVIDE AIR GAP - VERIFY SPACING & DIMENSIONS PER MANUFACTURERS' SPECS
 - SLIDE-IN RANGE/OVEN COMBINATION W/ BUILT-IN NON-VENTED HOOD W/LIGHT & FAN - VERIFY WITH MANUFACTURERS' SPECS
 - 30" COOKTOP W/ BUILT-IN VENTED HOOD W/ LIGHT & FAN - VERIFY WITH MANUFURS' SPECS
 - 34" CLEAR REFRIGERATOR SPACE W/ OPTIONAL CABINETS ABOVE - OPT. PLUMBING FOR ICEMAKER (RECESSED IN WALL)
 - COMBINATION DOUBLE OVEN OR OVEN MICROWAVE OVEN OR OVEN VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS
 - BASE CABINETS - REFER TO INTERIOR ELEVATIONS
 - UPPER CABINETS - REFER TO INTERIOR ELEVATIONS
 - ISLAND CABINET - REFER TO INTERIOR ELEVATIONS
 - MIN. 12" BAR TOP/ BREAKFAST BAR
 - DESK AREA - REFER TO INTERIOR ELEVATIONS
 - BUILT-IN PANTRY (15" DEEP OR U.N.O.)
 - SINK CABINET(S) - REFER TO INTERIOR ELEVATIONS
 - SINK CABINET W/ EXTENDED VANITY & KNEE SPACE BELOW - REFER TO INTERIOR ELEVATIONS
 - OPT. SINK - REFER TO INTERIOR ELEVATIONS
 - KNEE SPACE - REFER TO INTERIOR ELEVATIONS
 - PRE-FAB. TUB/SHOWER COMBO W/ FIBERGLASS MAINSCOT TO T2" - VERIFY DIMENSIONS W/ MANUF. SPECS
 - OVAL TUB - VERIFY DIMENSIONS WITH MANUF. SPECS
 - PRE-FAB. SHOWER PAN W/ 30" MIN. CLR. INSIDE & MAINSCOT TO T2" - VERIFY DIMENSIONS W/ MANUF. SPECS
 - SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE
 - TOWEL BAR - PROVIDE 2x SOLID BLK'S IN WALL
 - TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'S IN WALL
 - RECESSED, MIRROR MEDICINE CABINET
 - WASHER & DRYER - PROVIDE WATER & WASTE FOR WASHER - RECESS WASHER CONTROL VALVES IN WALL - VENT DRYER TO OUTSIDE AIR - ACCOMMODATE AIR DUCTS TO BE LOCATED WASHER AT LEFT AND DRYER AT RIGHT.
 - 12" SHELF PER SPECS
 - OPT. LAUNDRY SINK - REFER TO INTERIOR ELEVATIONS
 - WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO TS/AD-4)
 - RESERVED
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - FAUJ. LOCATION (REFER TO DETAIL B6/AD5)
 - RESERVED
 - LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF. B0/AD4) - INSTALL PER MFR. SPECS
 - HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE LISTING
 - GAS APPLIANCE B' VENT FROM BELOW
 55. LINEN PER SPECS (15" DEEP OR U.N.O.)
 - COAT CLOSET W/ SHELF & POLE (REFER TO DETAILS/AD4)
 - WARDROBE W/ SHELF & POLE (REFER TO DETAILS/AD4)
 - 22"x30" MIN. ATTIC ACCESS
 - 25"x54" FULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED
 - LINE OF WALL BELOW
 - DUCT CHASE
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL 42/AD5)
 - LINE OF HIP AT OPTIONAL VOLUME CEILING
 - LINE OF RIDGE AT OPTIONAL VOLUME CEILING
 - CEILING BREAK
 - STAIR TREADS & RISERS - MIN. 10" TREAD & MAX. T 3/4" RISER - (REFER TO DETAIL B1-B2/AD5)
 - MIN. 42" HIGH GUARDRAIL (REFER TO DETAIL B6/AD5)
 - 34" TO 38" HIGH HANDRAIL (REFER TO DETAIL B3/AD5)
 - A/C PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - 2x6 BALLOON FRAMED WALL PER STRUCTURAL
 - DEL. 2x4 WALL PER PLAN
 - INTERIOR SHELF-SEE PLAN FOR HT.
 - MEDIA NICHE
 - FLAT SOFFIT - SEE ELEV. FOR HST.
 - ARCHED SOFFIT - SEE ELEV. FOR HST.
 - WINDOW SEAT
 - OPT. DOOR/WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYRON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS VENEER TO COMPLY WITH THE N.C.-R.
 - SECTIONAL GARAGE DOOR PER SPECS
 - MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USEABLE SPACE UNDER STAIR.
 - GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.
 - RESERVED
 - 3/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR ABV.
 - P.T. POST W/ WRAP
 - CONCRETE STOOP, 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
 - EGRESS WINDOW
 - PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT.
 - MDF TOP
 - PLUMBING DROP FROM ABOVE
 - ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN
 - WINDOW LEDGE - HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.
 - RESERVED
 - SLOPING LOW WALL 38" ABOVE ADJACENT TREADS
 - 20 MIN. FIRE-RATED DOOR



INTERIOR KEY

PLATE NOTES

8'-0" PLATE NOTES	
WINDOW HEADER HEIGHT:	6'-8" U.N.O.
2nd FLOOR WINDOW HDR. HEIGHT:	7'-0" U.N.O.
ENTRY DOOR HEIGHT:	6'-8" U.N.O.
SLIDING GLASS DOOR HEIGHT:	6'-8" (TEMP.)
INTERIOR SOFFIT HEIGHT:	7'-4" U.N.O.
TRAY CEILING:	7'-8" INTO TRUSS U.N.O.
INTERIOR DOOR HEIGHT:	6'-8" U.N.O.
9'-0" PLATE NOTES	
WINDOW HEADER HEIGHT 1st FL.:	8'-0" U.N.O.
WINDOW HEADER HEIGHT 2nd FL.:	7'-8" U.N.O.
4010 WINDOW OVER TUB HDR. HGT.:	8'-4" U.N.O.
ENTRY DOOR HEIGHT:	6'-8" U.N.O.
SLIDING GLASS DOOR HEIGHT:	6'-8" (TEMP.)
INTERIOR SOFFIT HEIGHT:	8'-0" U.N.O.
TRAY CEILING:	7" RISE INTO TRUSS U.N.O.
INTERIOR DOOR HEIGHT:	6'-8" U.N.O.

GENERAL PLAN NOTES

ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O.

ALL INTERIOR DOORS TO BE HOLLOW CORE 1 3/8" THICK, U.N.O. (REFER TO PLAN FOR SIZE).

ALL GARAGE SERVICE DOORS TO BE HOLLOW CORE EXTERIOR GRADE (REFER TO PLAN FOR SIZE).

ALL HOUSE TO GARAGE DOORS TO BE 20-MINUTE FIRE-RATED (REFER TO PLAN FOR SIZE).

ALL ENTRY DOORS AND EXTERIOR FRENCH DOORS TO BE SOLID CORE 1 3/4" THICK (REFER TO PLAN FOR SIZE).

ALL FLOOR MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR JAMBES, U.N.O.

STAIR DATA NOTES

FIRST FLOOR WITH 9'-0" PLATE HEIGHT:
14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING.
14 TREADS AT 10" EACH
15 RISERS AT 7-1/16" EACH

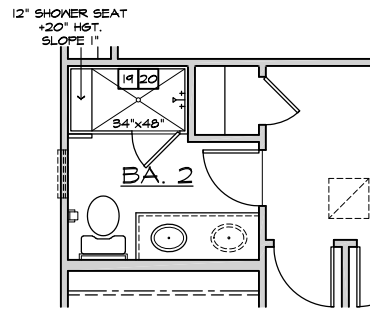
FIRST FLOOR WITH 8'-0" PLATE HEIGHT:
14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING.
15 TREADS AT 10" EACH
16 RISERS AT 7-3/4" EACH

FLOOR PLAN 'A' AT CRAWL SPACE ('B/C/D' SIMILAR)

SCALE 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17")

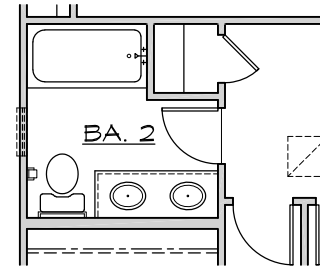
BASIC PLAN

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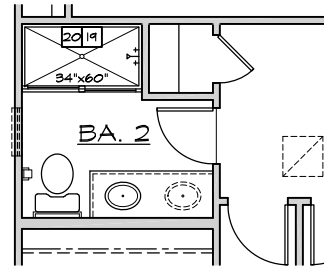
Shower with Seat
I.L.O. Tub

AT BATH 2



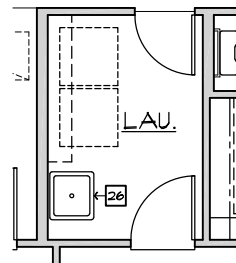
Vanity w/
Dual Sink

AT BATH 2



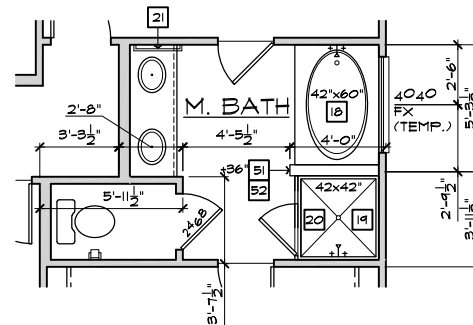
Shower I.L.O. Tub

AT BATH 2



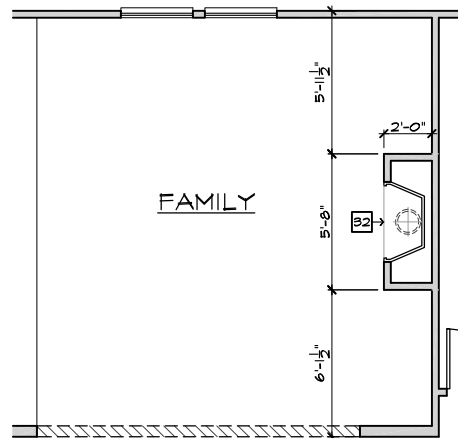
Laundry Tub

AT LAUNDRY



Gourmet Kitchen

AT KITCHEN

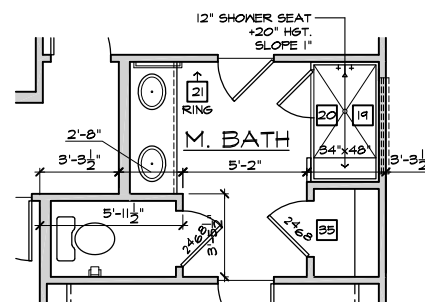


Fireplace

AT FAMILY

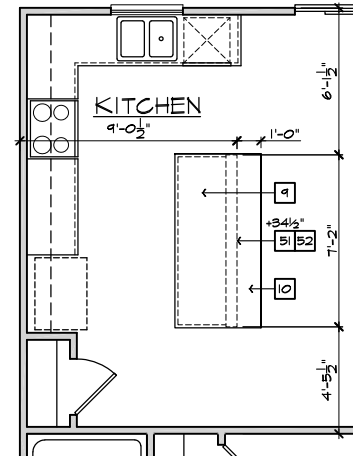
Super M. Bath

AT M. BATH



Deluxe M. Bath

AT M. BATH



Island

AT KITCHEN

#	FLOOR PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	SINK - GARBAGE DISPOSAL OPTIONAL - VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS
2.	DISHWASHER - PROVIDE AIR GAP - VERIFY SPACING & DIMENSIONS PER MANUFACTURERS' SPECS
3.	SLIDE-IN RANGE/OVEN COMBINATION W/ BUILT-IN NON-VENTED HOOD W/LIGHT & FAN - VERIFY WITH MANUFACTURERS' SPECS
4.	30" COOKTOP W/ BUILT-IN VENTED HOOD W/ LIGHT & FAN VERIFY WITH MANUFRS' SPECS
5.	34" CLEAR REFRIGERATOR SPACE W/ OPTIONAL CABINETS ABOVE - OPT. PLUMBING FOR ICEMAKER (RECESSED IN WALL)
6.	COMBINATION DOUBLE OVEN OR OVEN/MICROWAVE OVEN OR OVEN VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS
7.	BASE CABINETS - REFER TO INTERIOR ELEVATIONS
8.	UPPER CABINETS - REFER TO INTERIOR ELEVATIONS
9.	ISLAND CABINET - REFER TO INTERIOR ELEVATIONS
10.	MIN. 12" BAR TOP/ BREAKFAST BAR
11.	DESK AREA - REFER TO INTERIOR ELEVATIONS
12.	BUILT-IN PANTRY (15" DEEP OR U.N.O.)
13.	SINK CABINET(S) - REFER TO INTERIOR ELEVATIONS
14.	SINK CABINET W/ EXTENDED VANITY & KNEE SPACE BELOW - REFER TO INTERIOR ELEVATIONS
15.	OPT. SINK - REFER TO INTERIOR ELEVATIONS.
16.	KNEE SPACE - REFER TO INTERIOR ELEVATIONS
17.	PRE-FAB. TUB/SHOWER COMBO W/ FIBERGLASS MAINSCOT TO T2" - VERIFY DIMENSIONS W/ MANUF'S SPECS
18.	OVAL TUB - VERIFY DIMENSIONS WITH MANUF'S SPECS.
19.	PRE-FAB. SHOWER PAN W/ 30" MIN. CLR. INSIDE & MAINSCOT TO T2" - VERIFY DIMENSIONS W/ MANUF'S SPECS
20.	SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE.
21.	TOWEL BAR - PROVIDE 2x SOLID BLK'S IN WALL
22.	TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'S IN WALL
23.	RECESSED, MIRRORED MEDICINE CABINET
24.	WASHER & DRYER: - PROVIDE WATER & WASTE FOR WASHER - RECESS WASHER CONTROL VALVES IN WALL - VENT DRYER TO OUTSIDE AIR - ACCOMMODATE APPLIANCES TO BE LOCATED WASHER AT LEFT AND DRYER AT RIGHT.
25.	12" SHELF PER SPECS
26.	OPT. LAUNDRY SINK - REFER TO INTERIOR ELEV'S
27.	WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO TS/AD-4)
28.	RESERVED
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
30.	FAU LOCATION (REFER TO DETAIL B6/AD5)
31.	RESERVED
32.	LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF. B0/AD4) - INSTALL PER MFR. SPECS
33.	HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE LISTING
34.	GAS APPLIANCE B' VENT FROM BELOW
35.	LINEN PER SPECS (15" DEEP OR U.N.O.)
36.	COAT CLOSET W/ SHELF & POLE (REFER TO DETAILS/AD4)
37.	WARDROBE W/ SHELF & POLE (REFER TO DETAILS/AD4)
38.	22"x30" MIN. ATTIC ACCESS 25"x54" FULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED
39.	LINE OF WALL BELOW
40.	DUCT CHASE
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
43.	LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL 42/AD5)
44.	LINE OF HIP AT OPTIONAL VOLUME CEILING
45.	LINE OF RIDGE AT OPTIONAL VOLUME CEILING
46.	CEILING BREAK
47.	STAIR TREADS & RISERS: - MIN. 10" TREAD & MAX. T 3/4" RISER - (REFER TO DETAIL B1-B2/AD5)
48.	MIN. 42" HIGH GUARDRAIL (REFER TO DETAIL B6/AD5)
49.	34" TO 38" HIGH HANDRAIL (REFER TO DETAIL B3/AD5)
50.	A/C PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
53.	2x6 BALLOON FRAMED WALL PER STRUCTURAL
54.	DEL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF-SEE PLAN FOR HT.
56.	MEDIA NICHE
57.	FLAT SOFFIT - SEE ELEV. FOR HGT.
58.	ARCHED SOFFIT - SEE ELEV. FOR HGT.
59.	WINDOW SEAT
60.	OPT. DOOR/ WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYRON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS VENEER TO COMPLY WITH THE N.C.-R.
63.	SECTIONAL GARAGE DOOR PER SPECS
64.	MIN. 1/2" GYP. BD. ON CEILINGS & WALLS @ USEABLE SPACE UNDER STAIR.
65.	GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.
66.	RESERVED
67.	5/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR ABV.
68.	P.T. POST W/ WRAP
69.	CONCRETE STOOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
70.	EGRESS WINDOW
71.	PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT.
72.	MDF TOP
73.	PLUMBING DROP FROM ABOVE
74.	ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN
75.	WINDOW LEDGE: HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB: SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.
78.	RESERVED
79.	SLOPING LOW WALL 38" ABOVE ADJACENT TREADS
80.	20 MIN. FIRE-RATED DOOR



**NORTH CAROLINA
50' SERIES**

KB HOME
NORTH CAROLINA DIVISION
4518 S. MIAMI BLVD.
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DURHAM, NC 27703
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FAX: (919) 472-0582

**2018 NORTH
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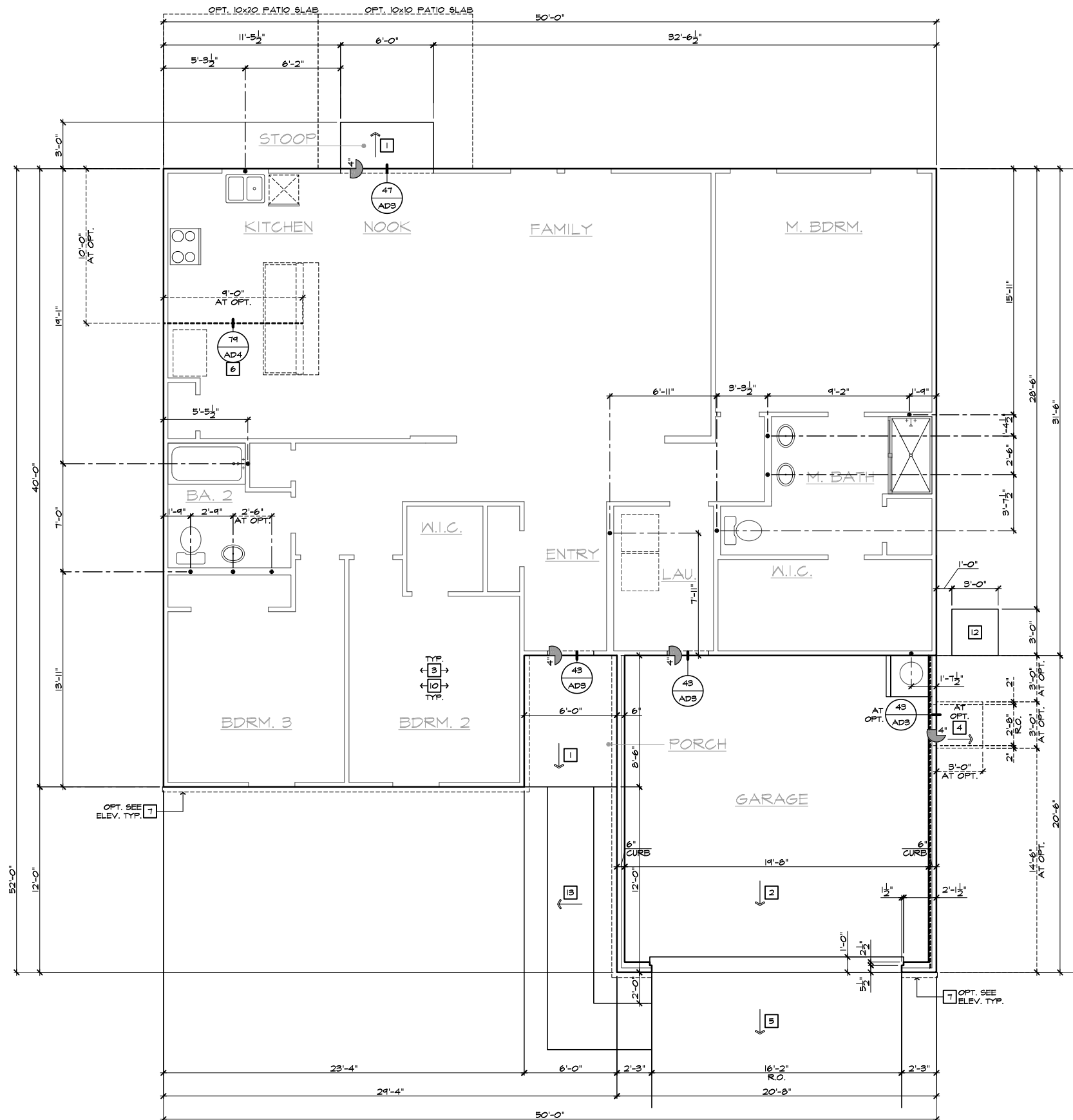
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**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**

FLOOR PLAN OPTIONS

SCALE: 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17")

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- # SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
 3. CONCRETE FOUNDATION PER STRUCTURAL.
 4. CONCRETE STOOP, 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
 6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
 7. 5" BRICK LEDGE FOR MASONRY VENEER.
 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 10. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.
 11. 4" MIN. Ø 1/4" MAX. TO HARD SURFACE.
 12. A/C PAD. VERIFY LOCATION.
 13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



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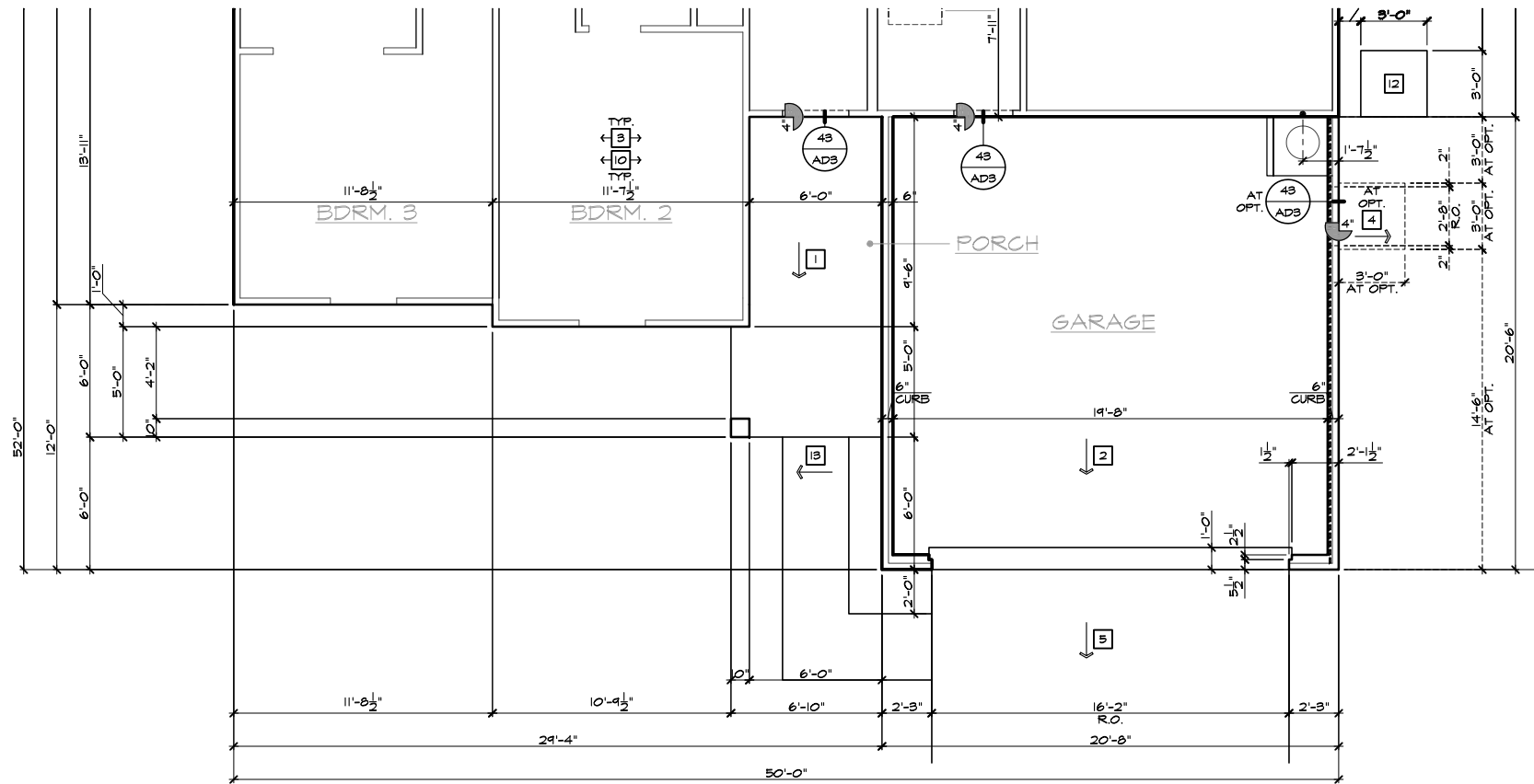
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SPEC. LEVEL 1
 RALEIGH-DURHAM
 50' SERIES

SLAB INTERFACE PLAN 'A'
 SCALE 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17")

BASIC PLAN AT SLAB-ON-GRADE

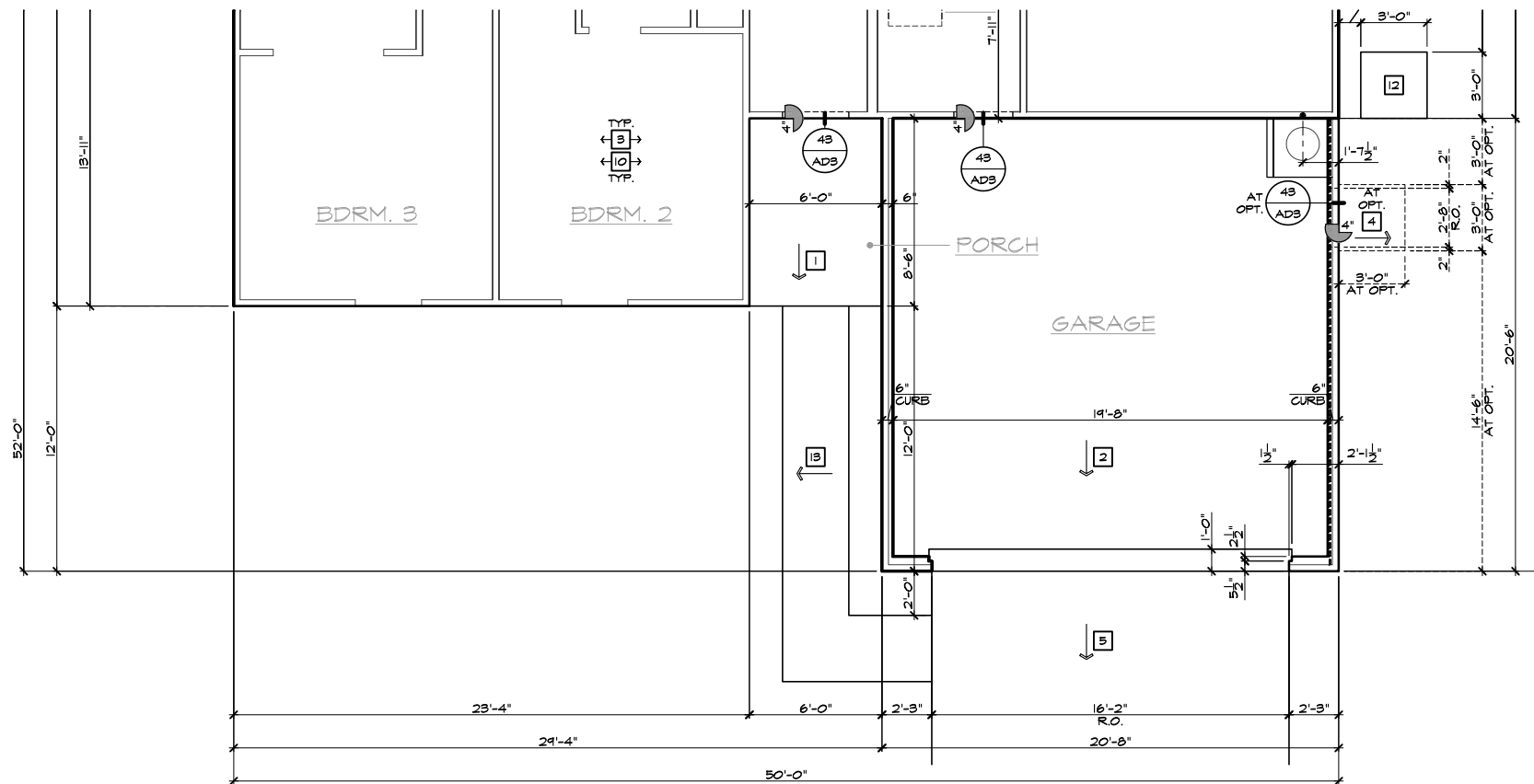
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PARTIAL SLAB INTERFACE PLAN 'C'

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

BASIC PLAN AT SLAB-ON-GRADE



PARTIAL SLAB INTERFACE PLAN 'B'

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

BASIC PLAN AT SLAB-ON-GRADE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
 3. CONCRETE FOUNDATION PER STRUCTURAL.
 4. CONCRETE STOOP, 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
 6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
 7. 5" BRICK LEDGE FOR MASONRY VENEER.
 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 10. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.
 11. 4" MIN. Ø 1/4" MAX. TO HARD SURFACE.
 12. A/C PAD. VERIFY LOCATION.
 13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



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SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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- # SLAB PLAN NOTES** 208.16-0
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 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
 3. CONCRETE FOUNDATION PER STRUCTURAL.
 4. CONCRETE STOOP, 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
 6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
 7. 5" BRICK LEDGE FOR MASONRY VENEER.
 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 10. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.
 11. 4" MIN. Ø 1/4" MAX. TO HARD SURFACE.
 12. A/C PAD. VERIFY LOCATION.
 13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



**NORTH CAROLINA
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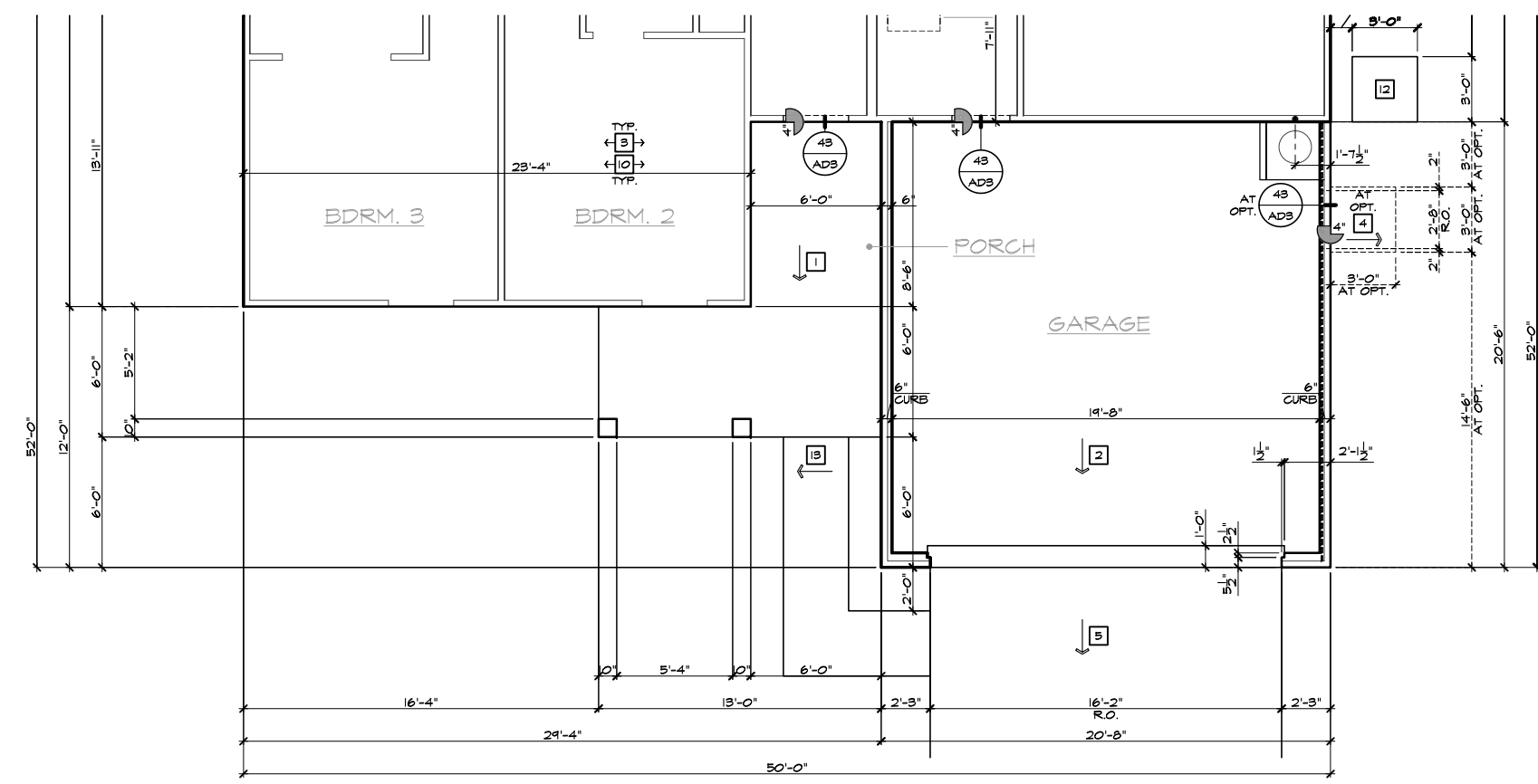


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**SPEC. LEVEL 1
RALEIGH-DURHAM
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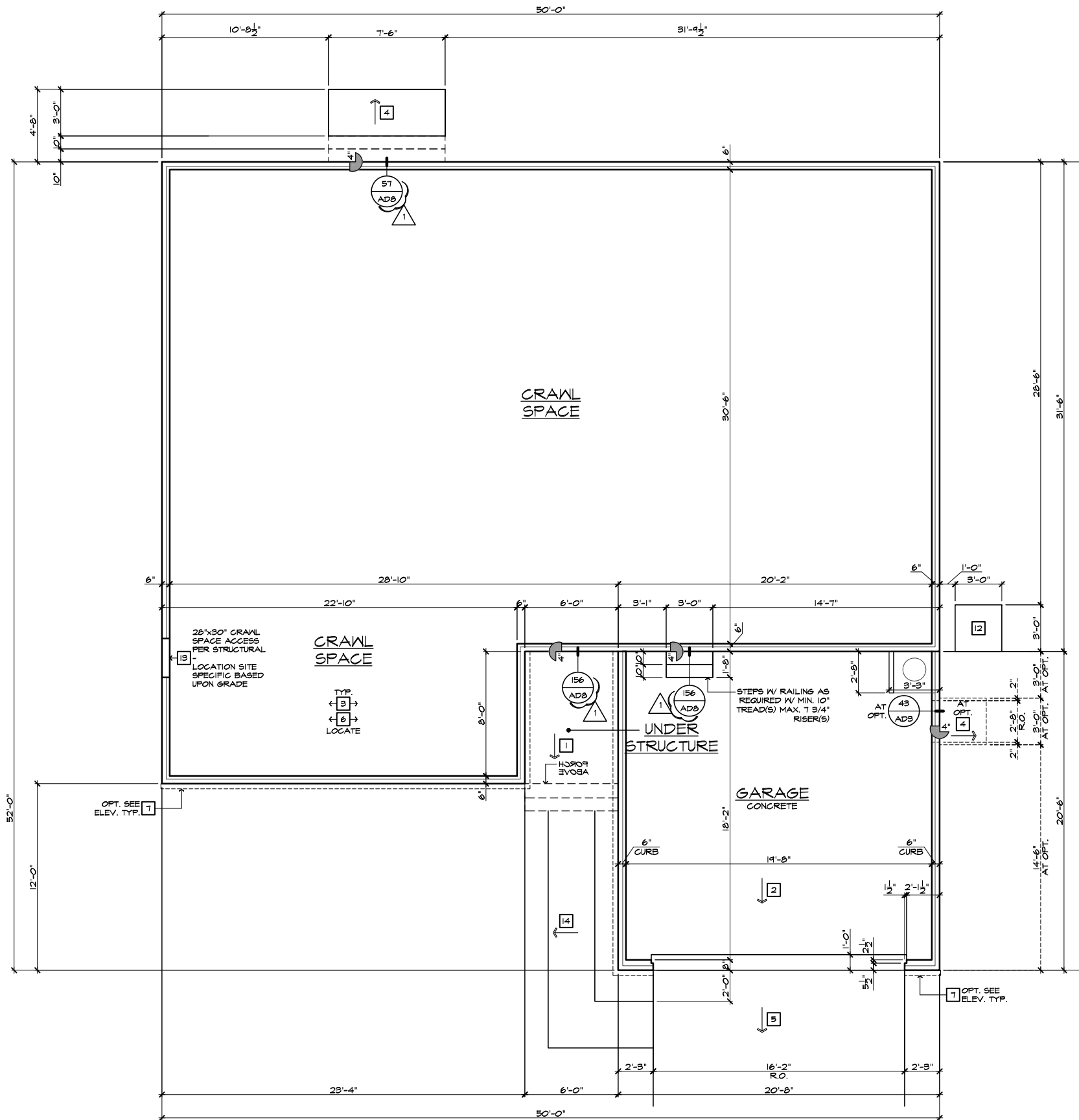


PARTIAL SLAB INTERFACE PLAN 'D'

SCALE 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17")

BASIC PLAN AT SLAB-ON-GRADE

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CRAWL SPACE PLAN 'A'

SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

BASIC PLAN AT OPTIONAL CRAWL SPACE

# FOUNDATION PLAN NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	
1.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
3.	FOUNDATION PER STRUCTURAL.
4.	STAIR LANDING: 36"x36" MIN.
5.	CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
6.	PROVIDE UNDER FLOOR VENTILATION
7.	4" TOE KICK FOR MASONRY VENEER.
8.	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
9.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
10.	VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL.
11.	4" MIN. 7 3/4" MAX. TO HARD SURFACE.
12.	A/C PAD. VERIFY LOCATION.
13.	CRAWL SPACE ACCESS
14.	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
UNDER FLOOR VENTING AREA	
UNDER FLOOR AREA SHALL COMPLY WITH NCRC 2018	
UNDER FLOOR AREA CALCULATION =	1773 SQ. FT. / 150 11.82 SQ. FT.
REQUIRED AREA	X 144 = 1702 SQ. IN.
VENTILATION PROVIDED:	
(17) FOUNDATION VENTS	105 SQ. IN. = 1785 SQ. IN.
NOTE: CRAWLSPACE VENT TO BE LOCATED WITHIN 3'-0" OF THE CORNER OF THE STEM WALL.	



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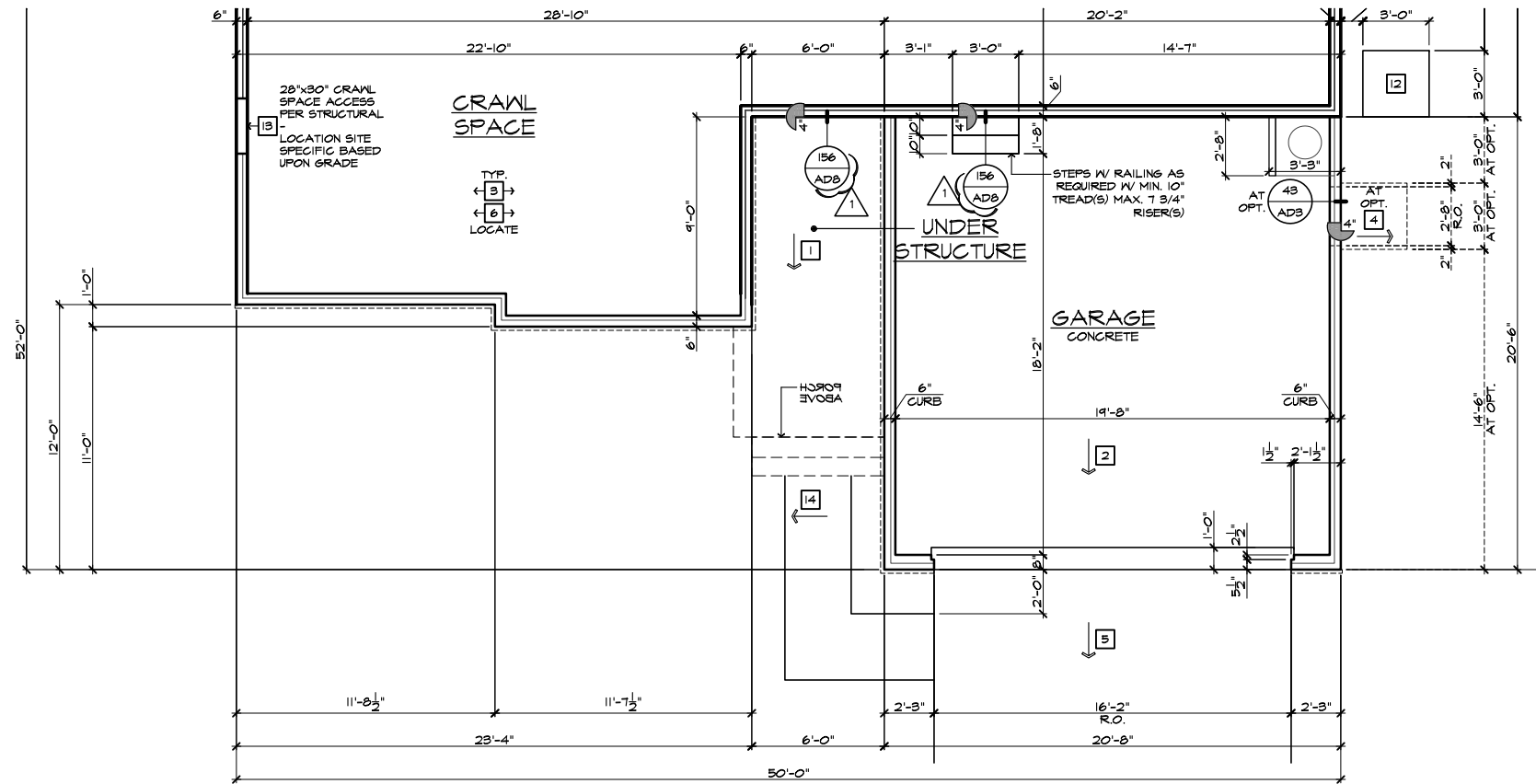
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**SPEC. LEVEL 1
 RALEIGH-DURHAM
 50' SERIES**

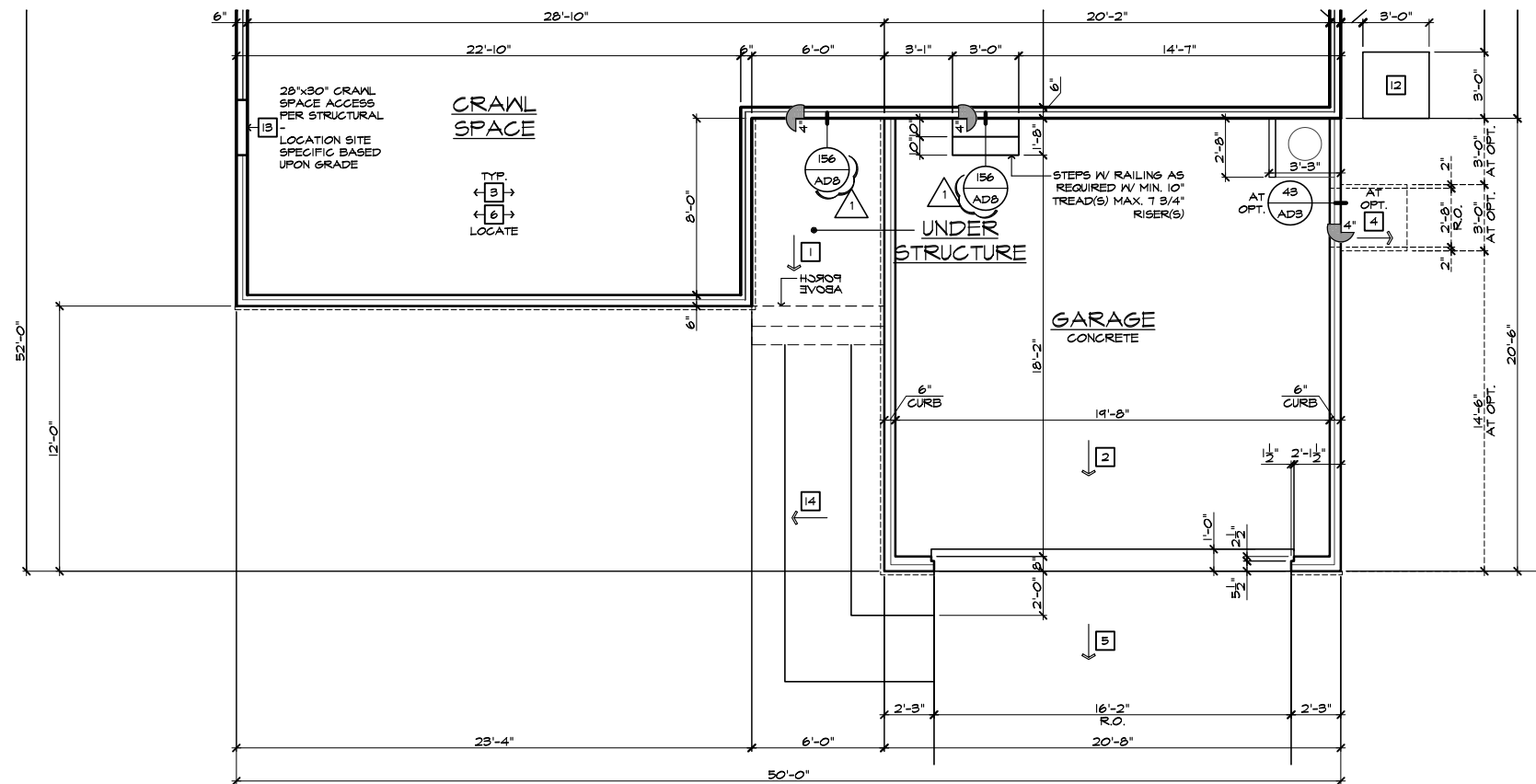
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PARTIAL CRAWL SPACE PLAN 'C'

SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

BASIC PLAN AT OPTIONAL CRAWL SPACE



PARTIAL CRAWL SPACE PLAN 'B'

SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

BASIC PLAN AT OPTIONAL CRAWL SPACE

- # FOUNDATION PLAN NOTES
- NOTE: NOT ALL KEY NOTES APPLY.
1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
 3. FOUNDATION PER STRUCTURAL.
 4. STAIR LANDING: 36"x36" MIN.
 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
 6. PROVIDE UNDER FLOOR VENTILATION.
 7. 4" TOE KICK FOR MASONRY VENEER.
 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL.
 11. 4" MIN. 7 3/4" MAX. TO HARD SURFACE.
 12. A/C PAD. VERIFY LOCATION.
 13. CRAWL SPACE ACCESS.
 14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



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**SPEC. LEVEL 1
RALEIGH-DURHAM
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- # FOUNDATION PLAN NOTES** 2018.16.4
- NOTE: NOT ALL KEY NOTES APPLY.
1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
 3. FOUNDATION PER STRUCTURAL.
 4. STAIR LANDING: 36"x36" MIN.
 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
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 11. 4" MIN. 7 3/4" MAX. TO HARD SURFACE.
 12. A/C PAD. VERIFY LOCATION.
 13. CRAWL SPACE ACCESS
 14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



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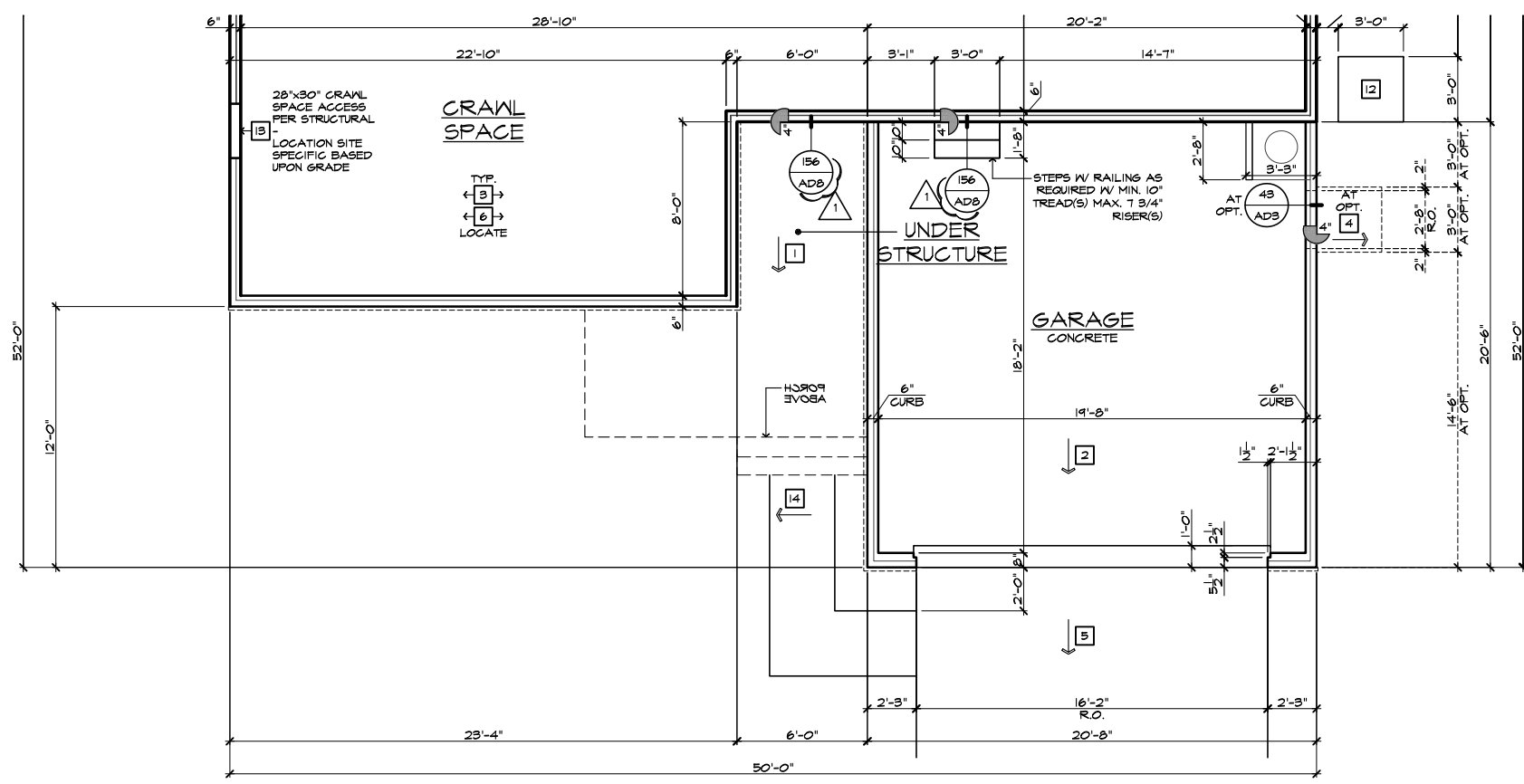
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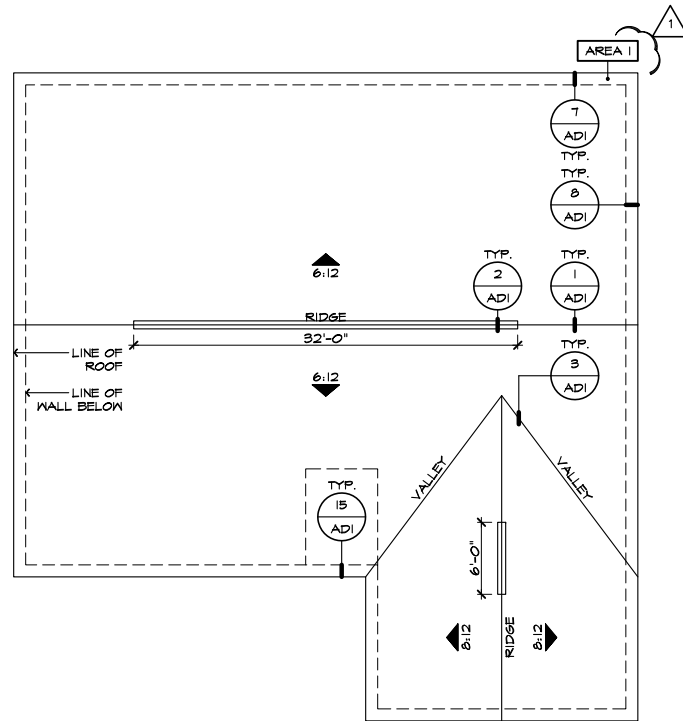
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**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**



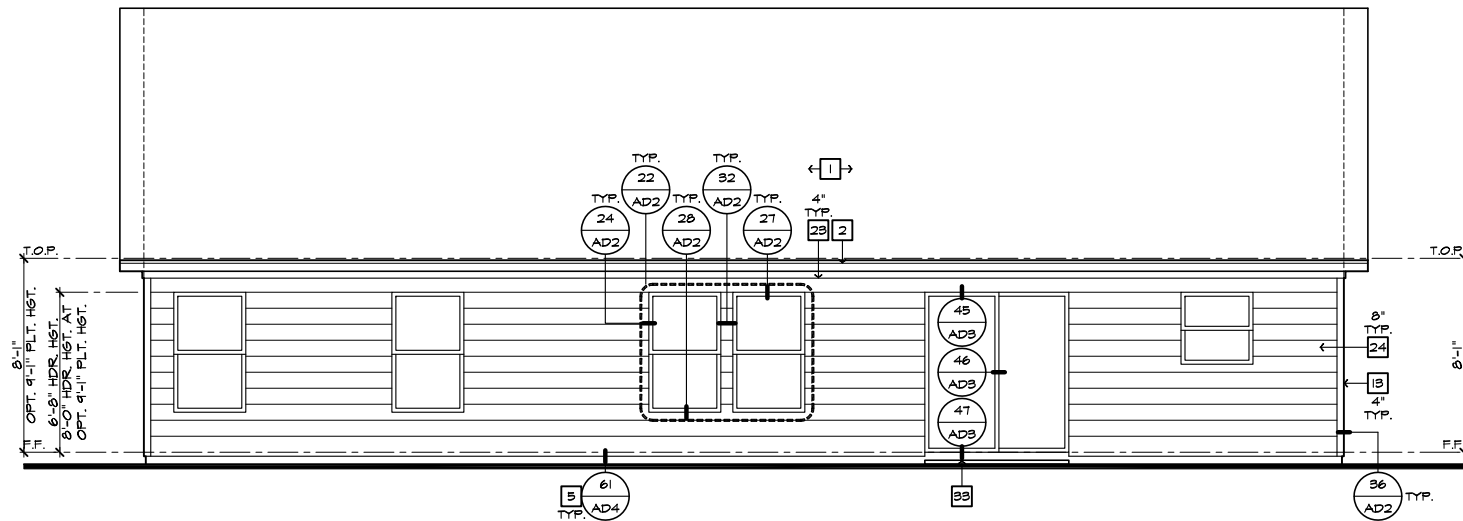
PARTIAL CRAWL SPACE PLAN 'D'
SCALE 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17") BASIC PLAN AT OPTIONAL CRAWL SPACE

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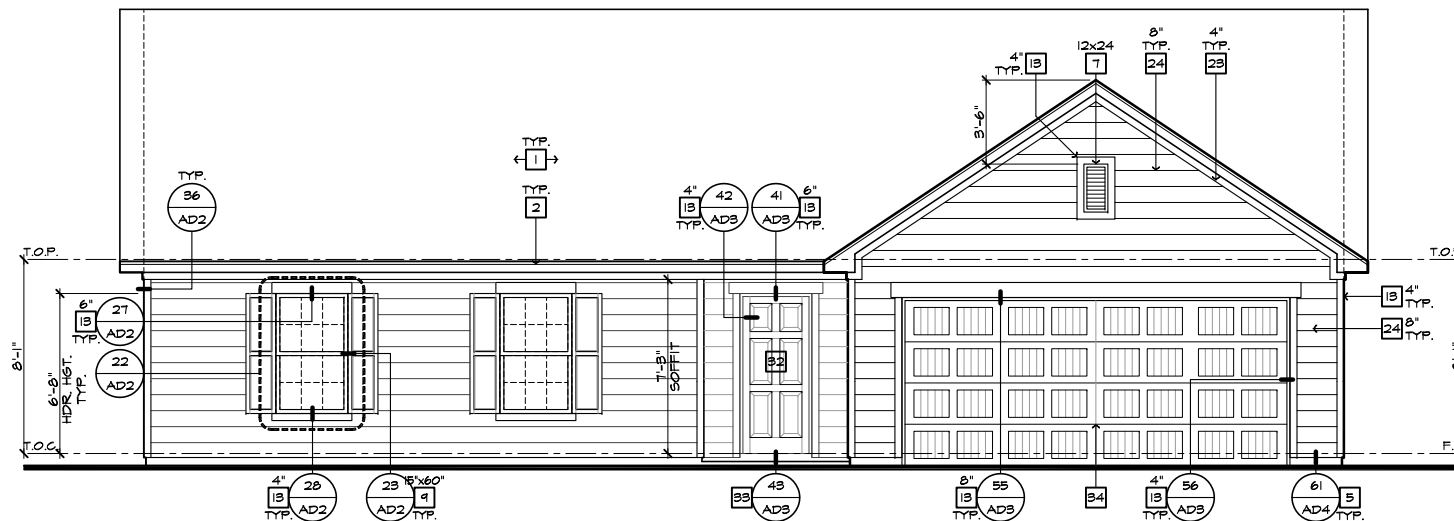
ROOF PLAN 'A'

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



REAR ELEVATION 'A'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



FRONT ELEVATION 'A'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6:1. FLASHING
4.	6:1. FLASHING & SADDLE/CRICKET
5.	6:1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK CHIMNEY
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

ROOF PLAN NOTES 'A'

6:12 INDICATES ROOF SLOPE AND DIRECTION, U.N.O.

ROOF MATERIAL: COMPOSITION SHINGLE
 12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
 12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
 LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS

PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS (LOW VENTING) (2018 N.C.-R 806.2)
 * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.
 APPROXIMATE RIDGE VENT LOCATIONS SHOWN.
 ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 / MAIN:	
VENTILATION REQUIRED:	SQ. FT. / 300
ATTIC AREA = 2248	7.49 SQ. FT.
	X 144 = 1079 SQ. IN.
	TOTAL HIGH & LOW = 1079 SQ. IN.
	X 50% = 540 SQ. IN.
VENTILATION PROVIDED:	
HIGH	
30	LF RIDGE VENT(S) AT 10 SQ. IN. / LF. = 604 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION: 604 SQ. IN.	
LOW	
44	LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 644 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED: 1248 SQ. IN.	

NOTES:

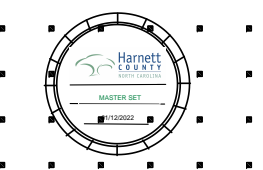
ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.

FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER-PROOF & WALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED W/ "MOISTOP" IN THE SAME MANNER PRESCRIBED FOR WINDOW INSTALLATION.

PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION. LOCATE HIGH VENTING MINIMUM 3'-0" VERTICAL DISTANCE ABOVE EAVES.

WHEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, PROVIDE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF ROOF TILE VENTS.



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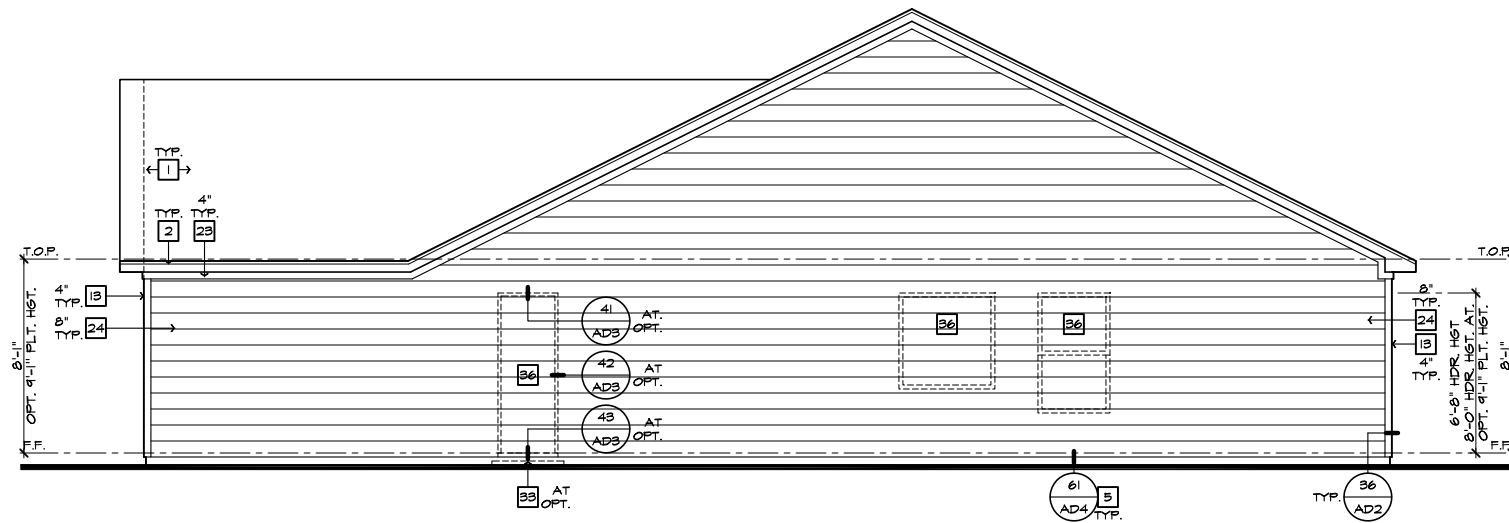
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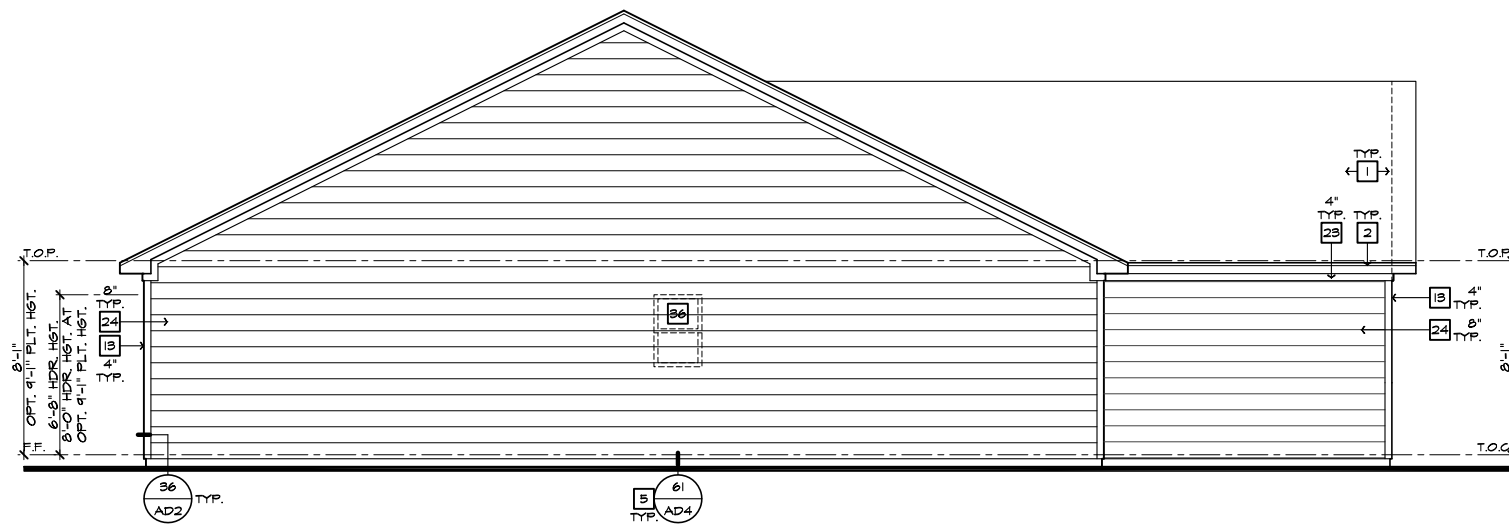
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SPEC. LEVEL 1
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RIGHT ELEVATION 'A'
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



LEFT ELEVATION 'A'
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

- # ELEVATION NOTES** 208.16.0
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6:1 FLASHING
 4. 6:1 FLASHING & SADDLE/CRICKET
 5. 6:1 DRIP SCREED
 6. 24"x24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYFON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYFON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYFON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYFON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE



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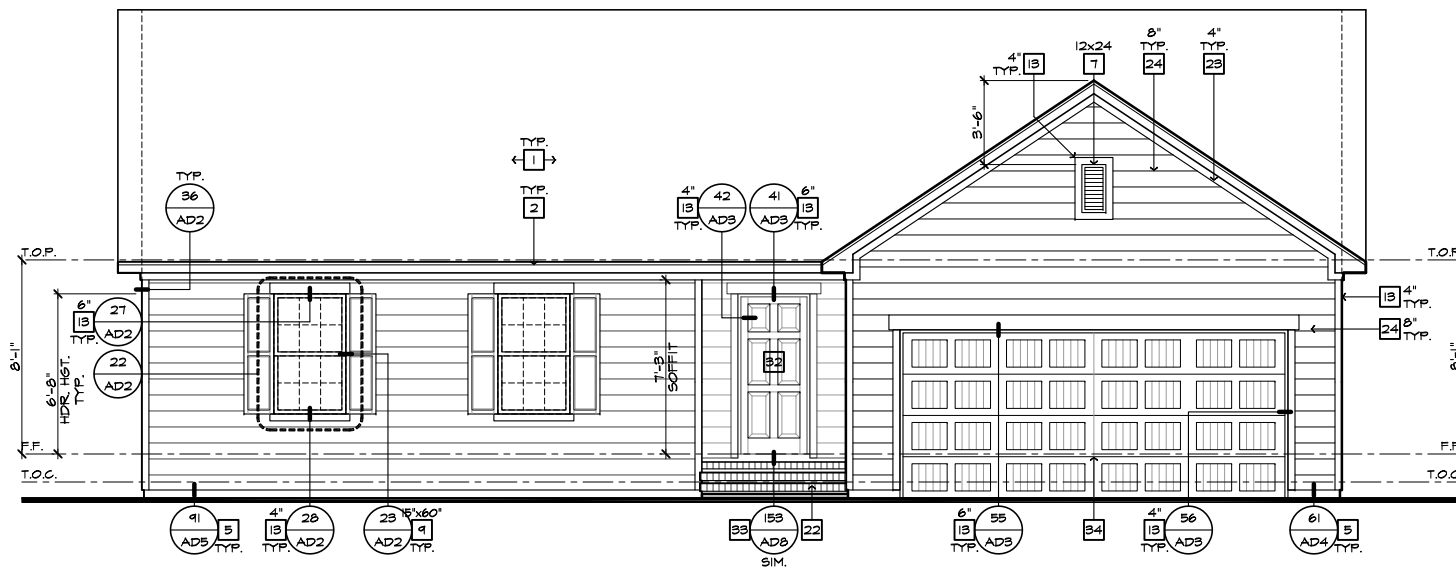
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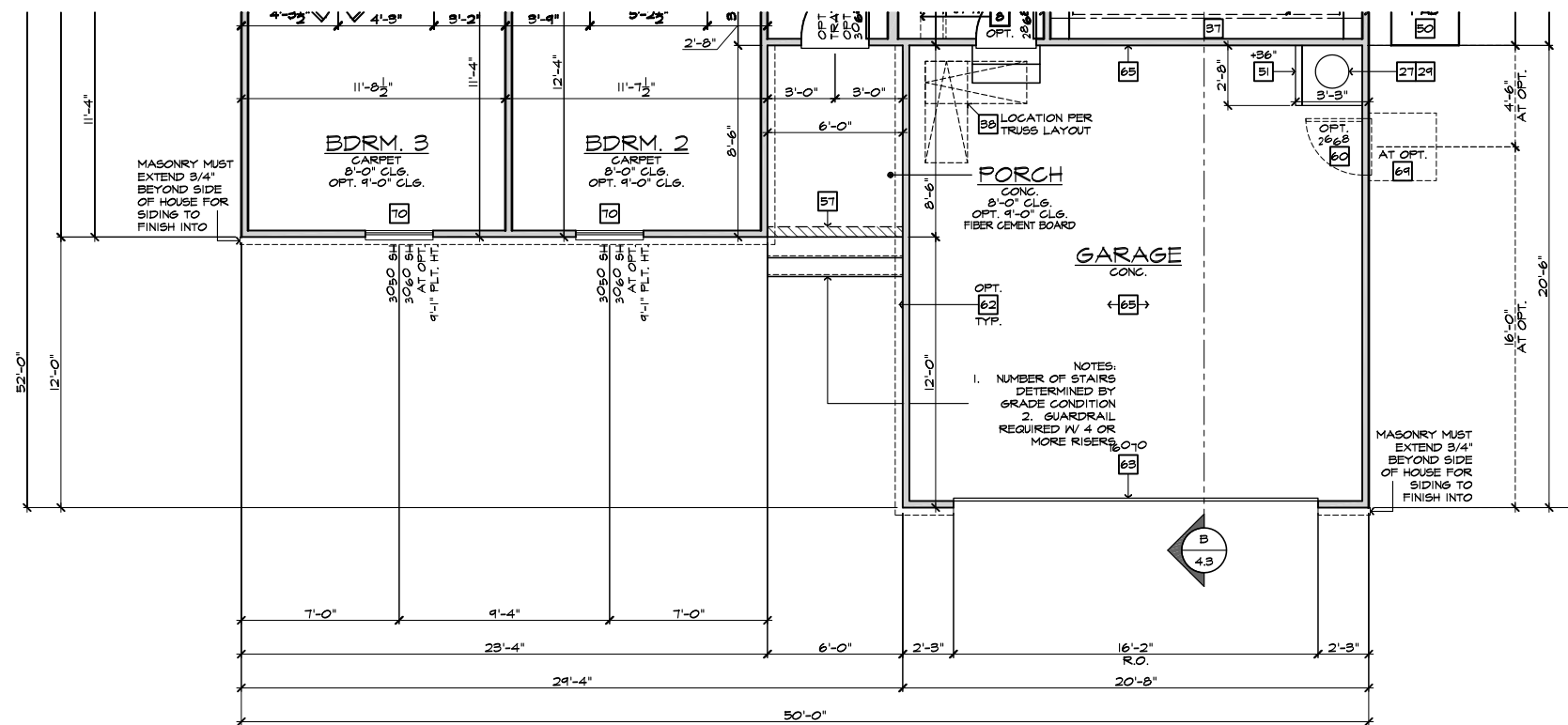
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FRONT ELEVATION 'A' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



PARTIAL FLOOR PLAN 'A' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

BASIC PLAN

- # ELEVATION NOTES** 208.16.4
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6.1. FLASHING
 4. 6.1. FLASHING & SADDLE/CRICKET
 5. 6.1. DRIP SCREED
 6. 24"X24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE

- # PARTIAL PLAN NOTES** 208.16.4
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN (REFER TO DETAILS)
 28. WATER HEATER 'B' VENT TO OUTSIDE AIR
 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 39. LINE OF WALL BELOW
 41. LINE OF FLOOR ABOVE
 42. LINE OF FLOOR BELOW
 50. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 50. MIN. PAD LOCATION
 51. LOW WALL - REFER TO PLAN FOR HEIGHT
 52. 2x6 STUD WALL
 54. DEL. 2x4 WALL PER PLAN
 55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 57. FLAT SOFFIT
 58. ARCHED SOFFIT
 60. OPT. DOOR/ WINDOW
 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 62. BRICK / STONE VENEER - REFER TO ELEVATIONS
 63. SECTIONAL GARAGE DOOR PER SPECS
 66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 68. P.T. POST W/ WRAP.
 75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



NORTH CAROLINA 50' SERIES

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NORTH CAROLINA DIVISION
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2018 NORTH CAROLINA STATE BUILDING CODES

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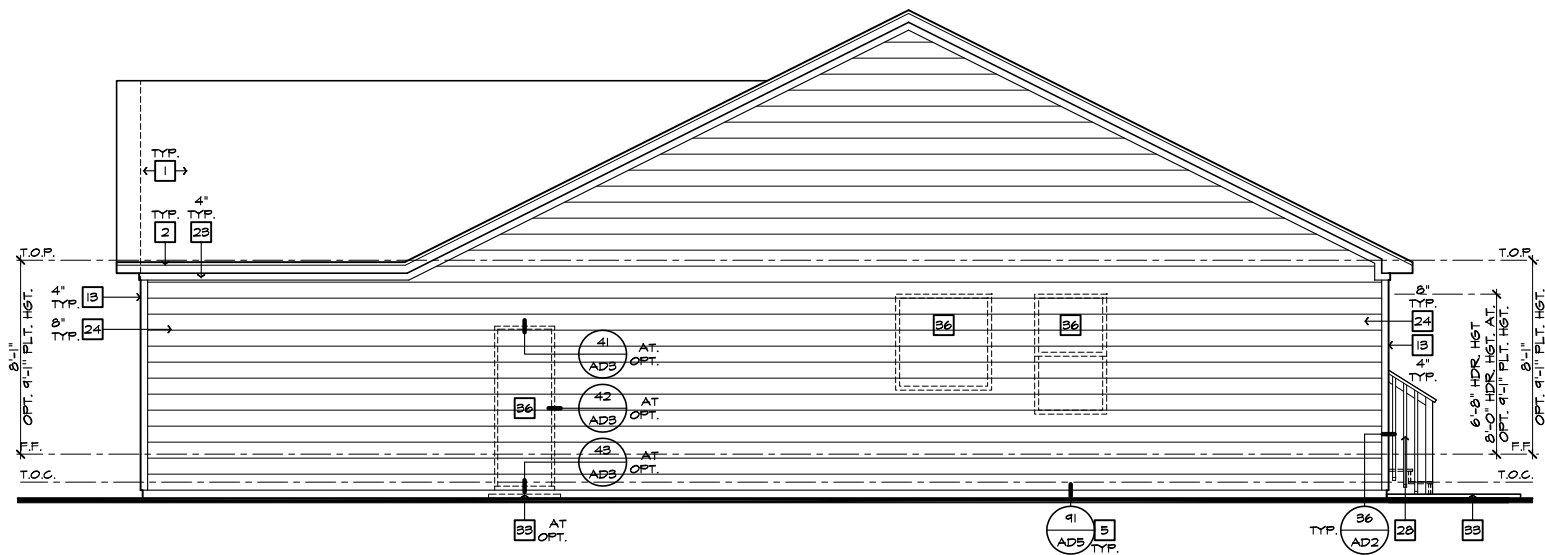
PLAN: 150.1773-R
SHEET: 3.A3

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

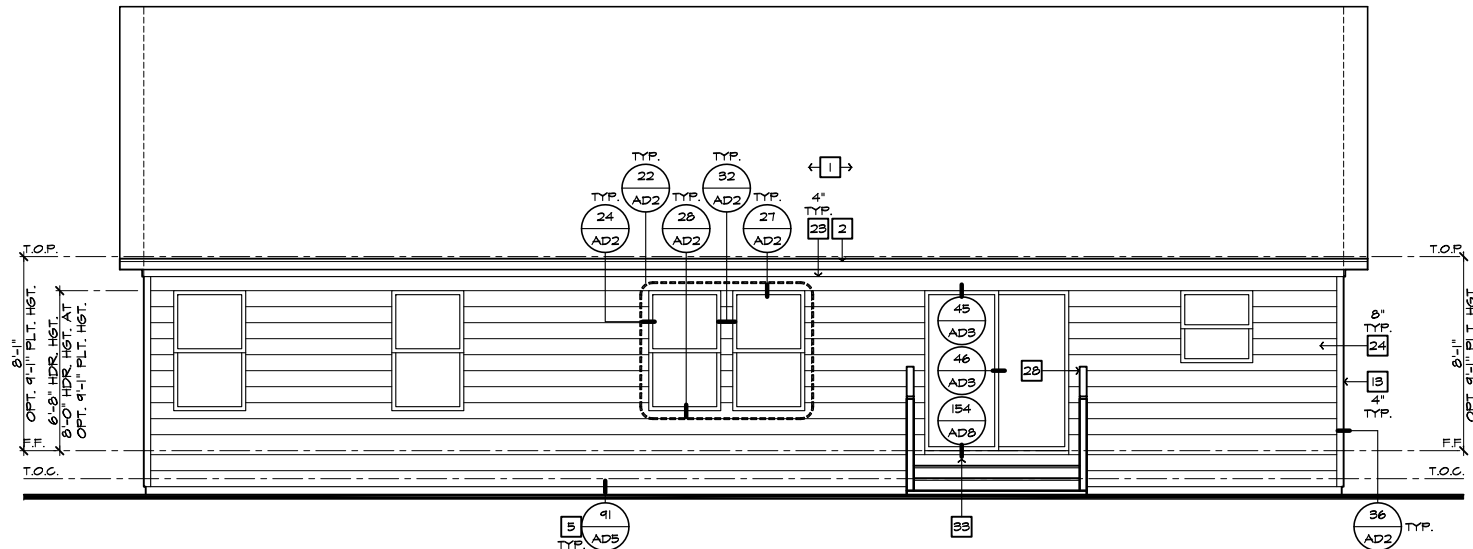
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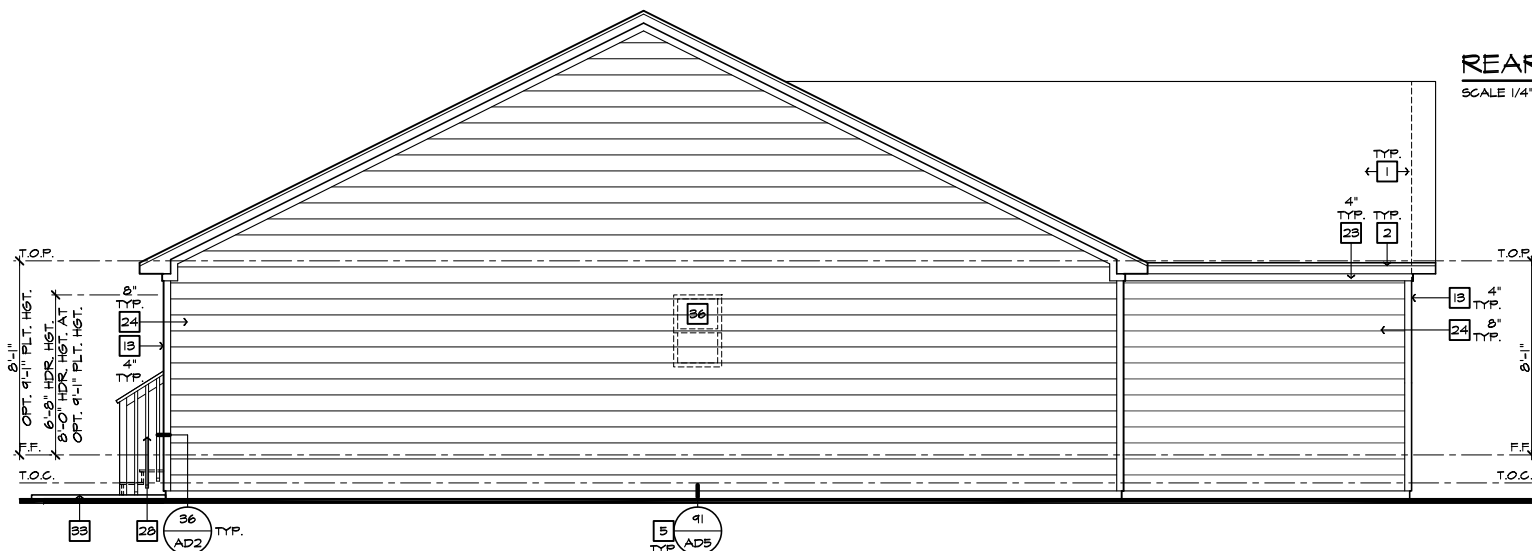
RIGHT ELEVATION 'A' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17')



REAR ELEVATION 'A' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17')



LEFT ELEVATION 'A' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17')

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6.1. FLASHING
 4. 6.1. FLASHING & SADDLE/CRICKET
 5. 6.1. DRIP SCREED
 6. 24"X24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
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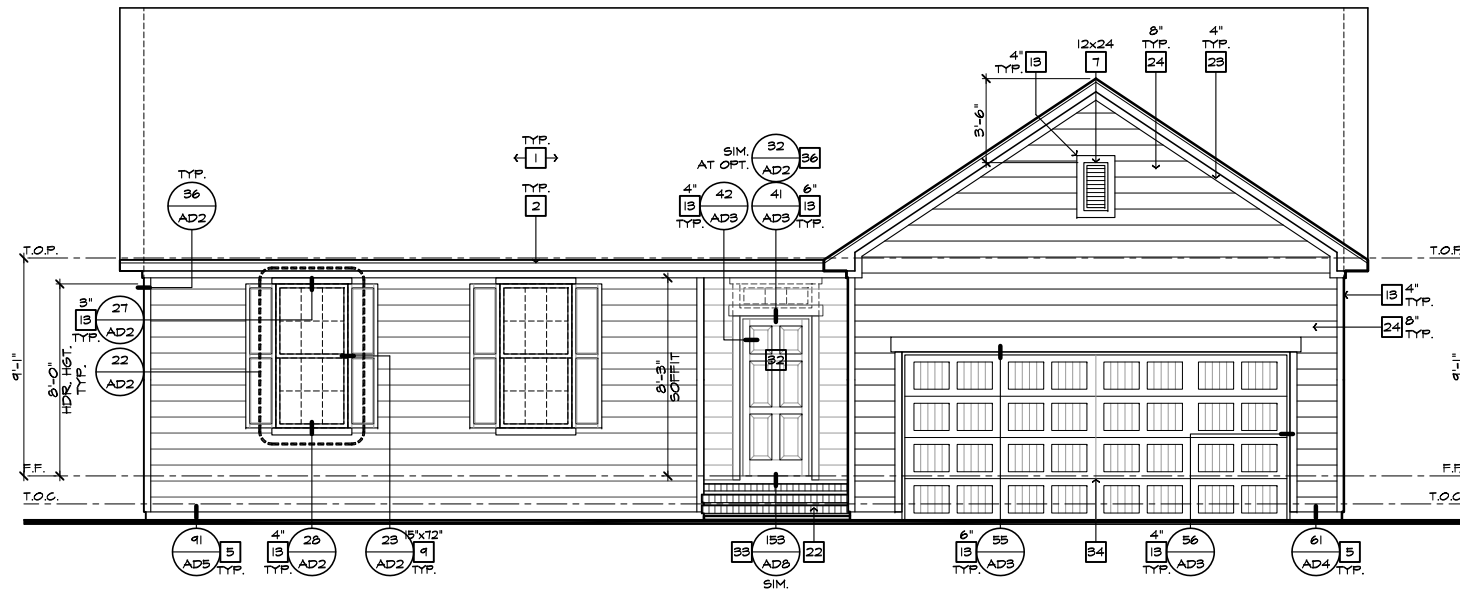
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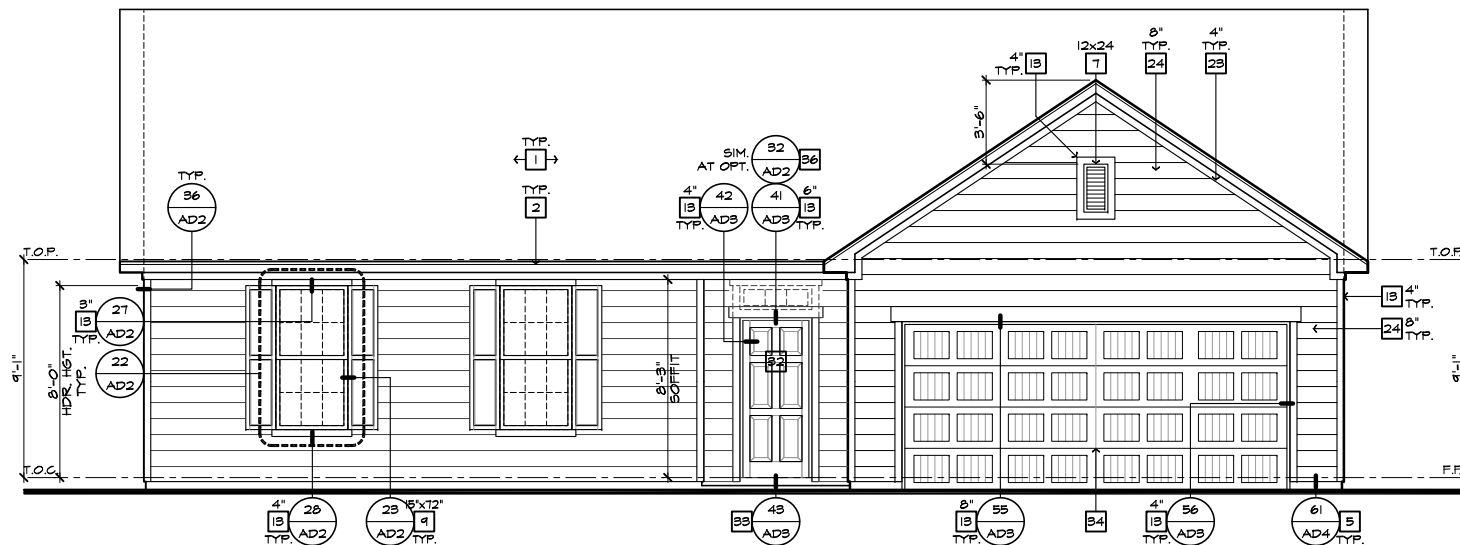
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RALEIGH-DURHAM
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FRONT ELEVATION 'A' W/ CRAWL SPACE
AT OPTIONAL 9'-1" PLT. HGT.

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



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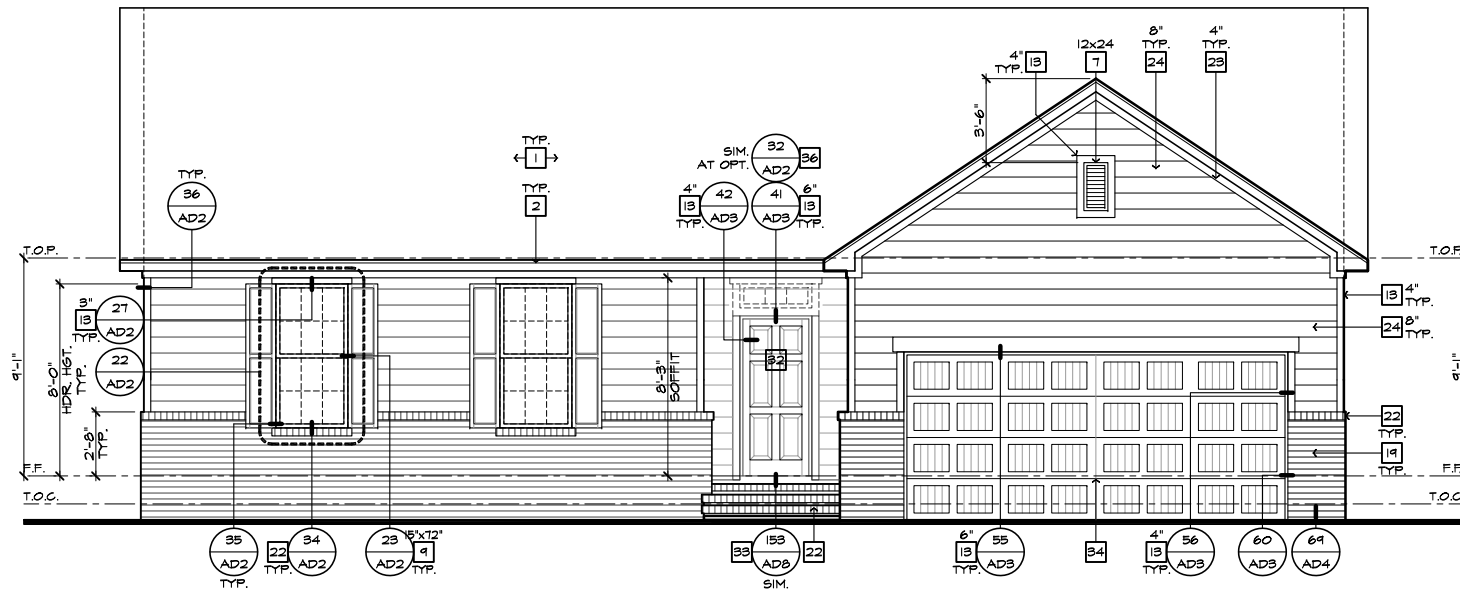
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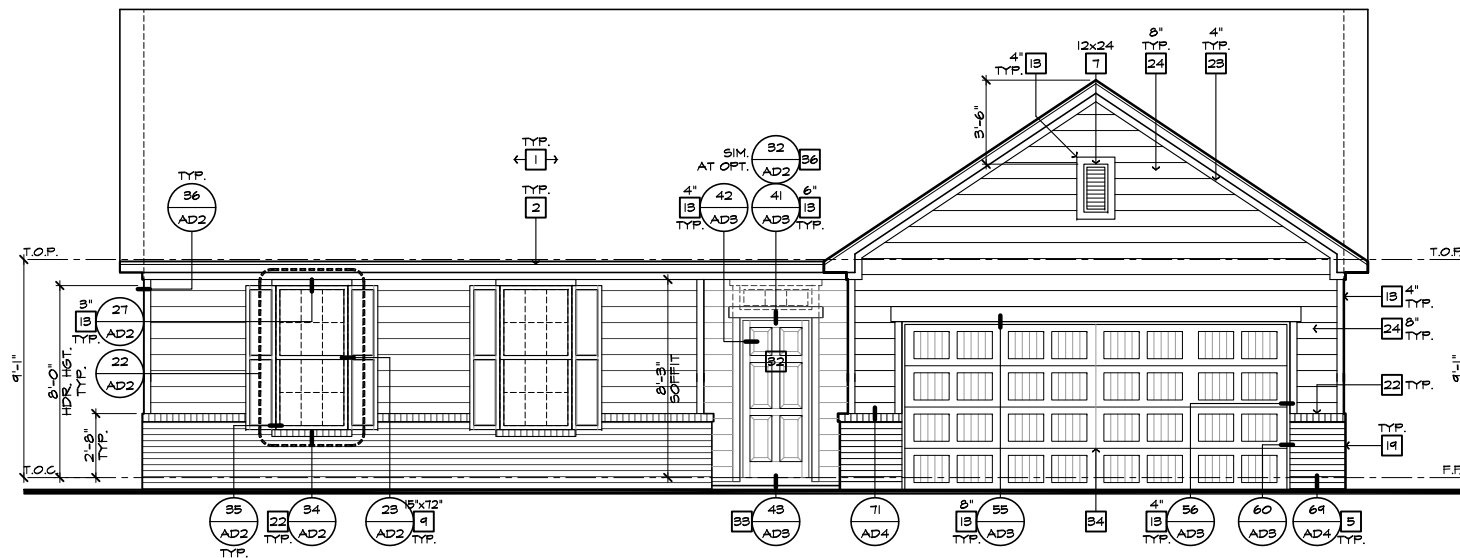
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FRONT ELEVATION 'A' W/ BRICK AT CRAWL SPACE
AT OPTIONAL 9'-1" PLT. HGT.
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FRONT ELEVATION 'A' W/ BRICK
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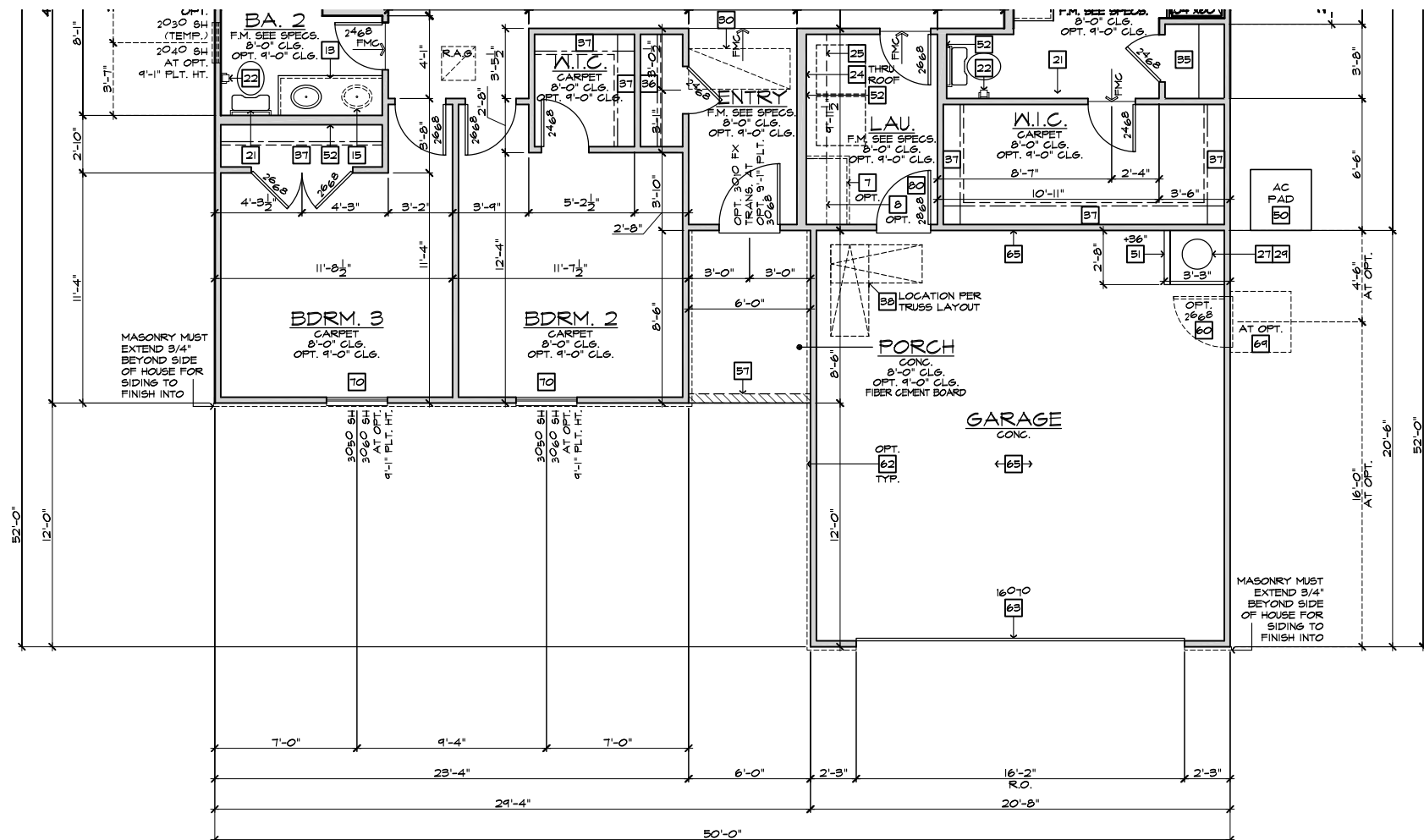
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**SPEC. LEVEL 1
RALEIGH-DURHAM
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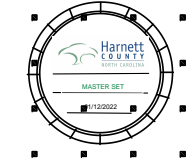
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PARTIAL FLOOR PLAN 'B'
 SCALE 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17")

BASIC PLAN

- # PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
 28. WATER HEATER B VENT TO OUTSIDE AIR
 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 34. LINE OF WALL BELOW
 41. LINE OF FLOOR ABOVE
 42. LINE OF FLOOR BELOW
 49. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 50. A/C PAD LOCATION
 51. LOW WALL - REFER TO PLAN FOR HEIGHT
 52. 2x6 STUD WALL
 54. DBL. 2x4 WALL PER PLAN
 55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 57. FLAT SOFFIT
 58. ARCHED SOFFIT
 60. OPT. DOOR/WINDOW
 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYRON OR EQ. SURROUNDING STRUCTURAL POST.
 62. BRICK / STONE VENEER - REFER TO ELEVATIONS
 63. SECTIONAL GARAGE DOOR PER SPECS
 66. 3" DIAM. CONCRETE FILLED FIRE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 68. P.T. POST IV WRAP.
 70. EGRESS WINDOW
 75. WINDOW LEDGE - HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES UNO.
 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.



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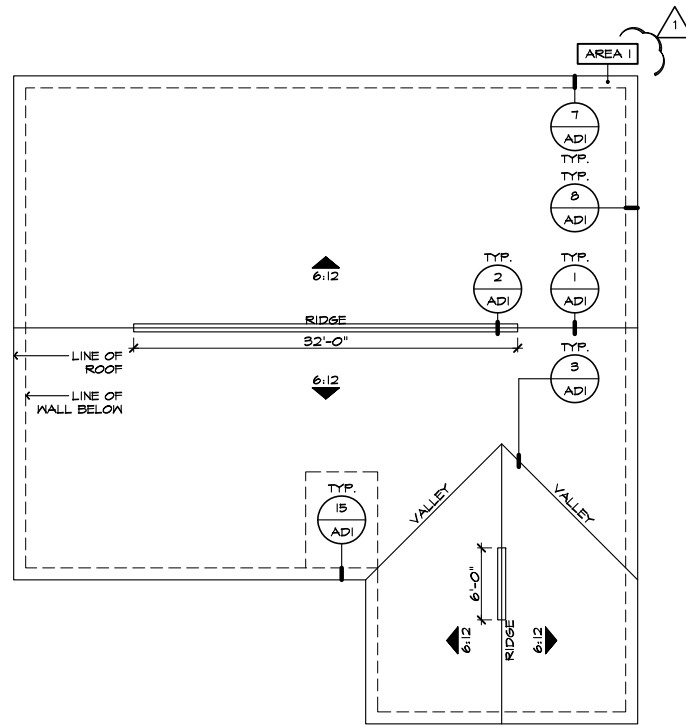
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 SHEET:
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**SPEC. LEVEL 1
RALEIGH-DURHAM
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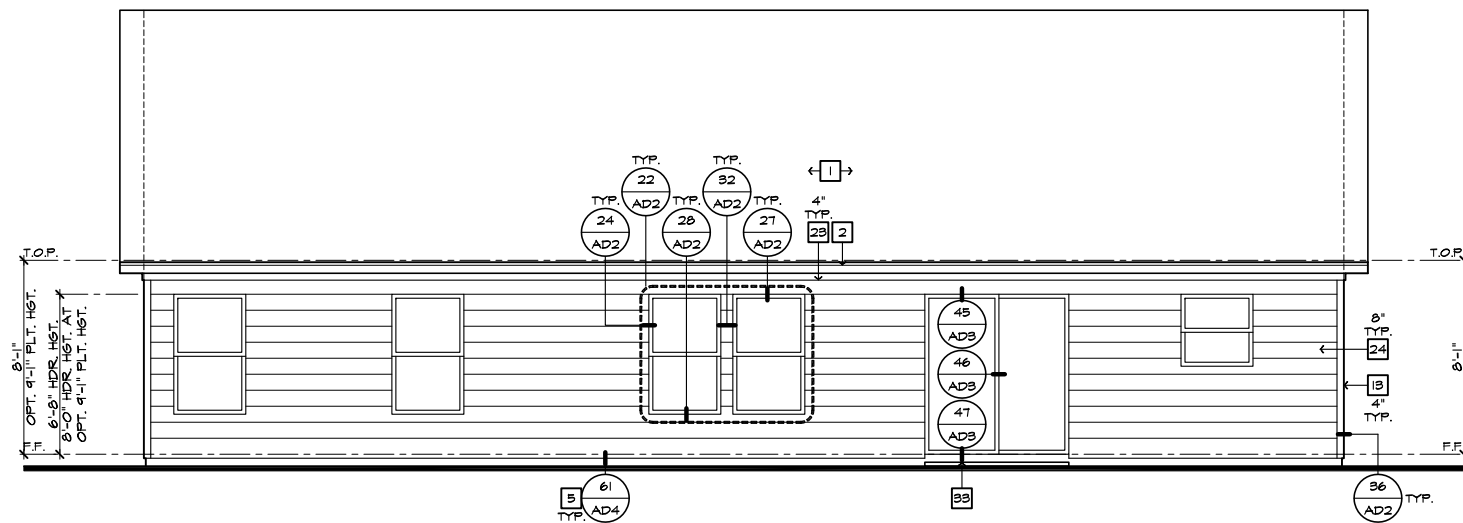
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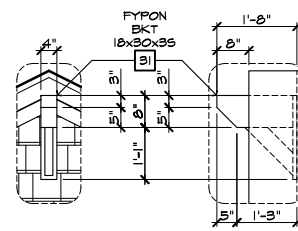
ROOF PLAN 'B'

SCALE 1/8"=1'-0" (22"X34") - 1/16"=1'-0" (11"X17")



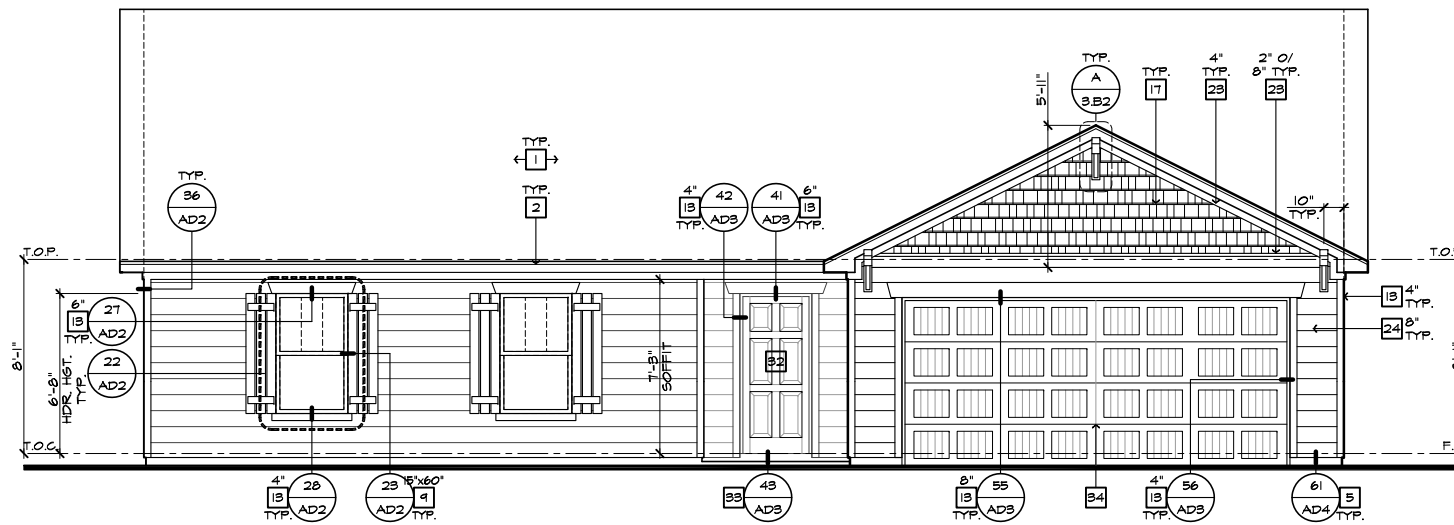
REAR ELEVATION 'B'

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



DETAIL A

SCALE 1/2"=1'-0"



FRONT ELEVATION 'B'

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6:1. FLASHING
4.	6:1. FLASHING & SADDLE/CRICKET
5.	6:1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK CHIMNEY
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
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24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
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38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

#	ROOF PLAN NOTES 'B'
6:12	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	

#	ATTIC VENT CALCULATIONS
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS (LOW VENTING) (2018 N.C.-R 806.2)	
* CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	

AREA 1 / MAIN:	
VENTILATION REQUIRED:	
ATTIC AREA = 2248	SQ. FT. / 300 = 7.49 SQ. FT. X 144 = 1079 SQ. IN.
	TOTAL HIGH & LOW = 1079 SQ. IN. X 50% = 540 SQ. IN.
VENTILATION PROVIDED:	
HIGH	
30 LF RIDGE VENT(S) AT 10 SQ. IN. / LF. =	604 SQ. IN.
0 ROOF VENT(S) AT 50 SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	604 SQ. IN.
LOW	
44 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. =	644 SQ. IN.
0 ROOF VENT(S) AT 50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:	1248 SQ. IN.

NOTES:
 ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.
 FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.
 ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER-PROOF & WALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED W/ "MOISTOP" IN THE SAME MANNER PRESCRIBED FOR WINDOW INSTALLATION.
 PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION.
 LOCATE HIGH VENTING MINIMUM 3'-0" VERTICAL DISTANCE ABOVE EAVES.
 WHEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, PROVIDE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF ROOF TILE VENTS.



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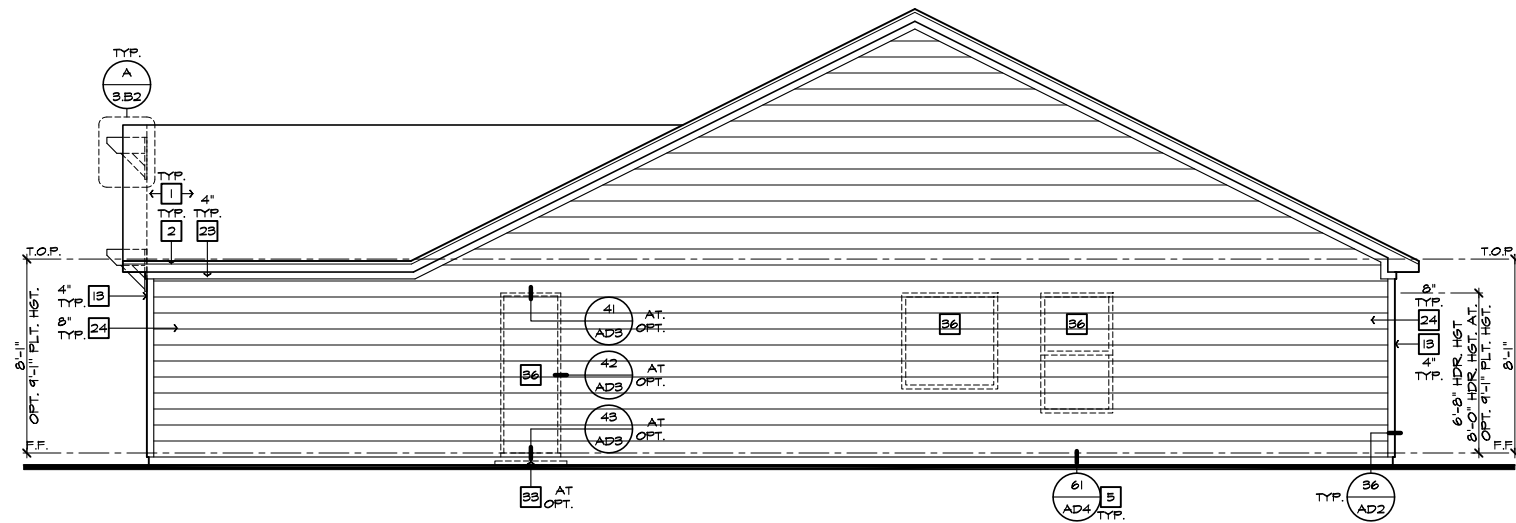
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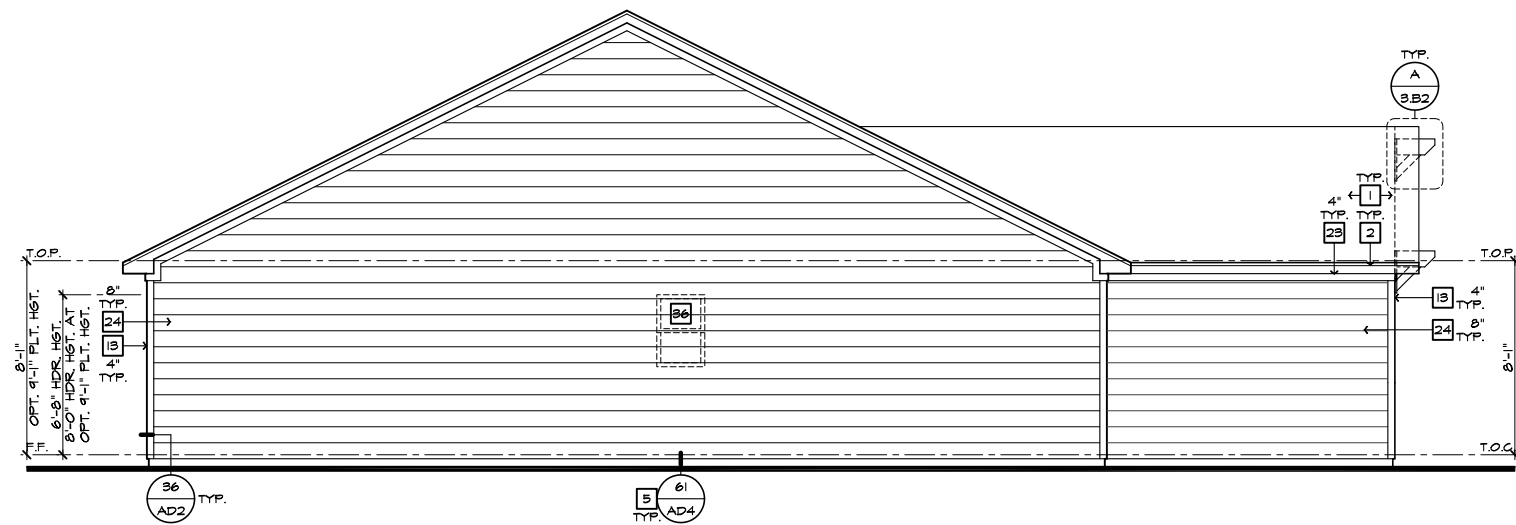
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SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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RIGHT ELEVATION 'B'
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



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4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"X24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC-- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	RONLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE



**NORTH CAROLINA
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NORTH CAROLINA DIVISION
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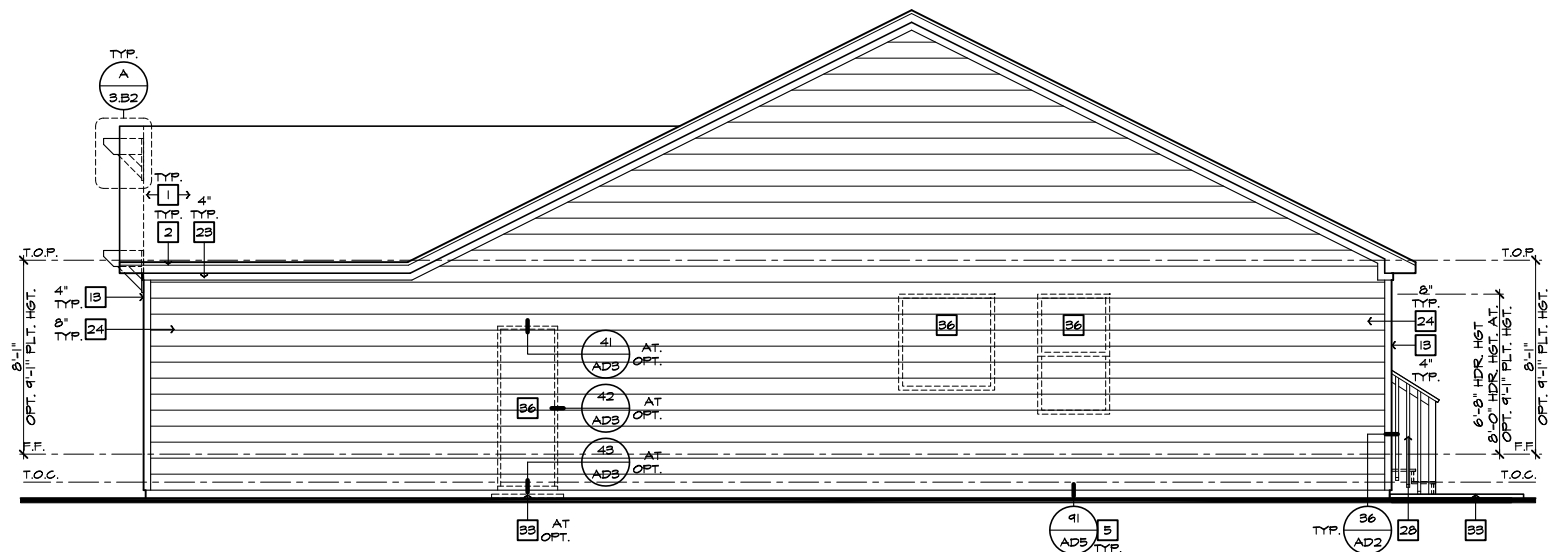
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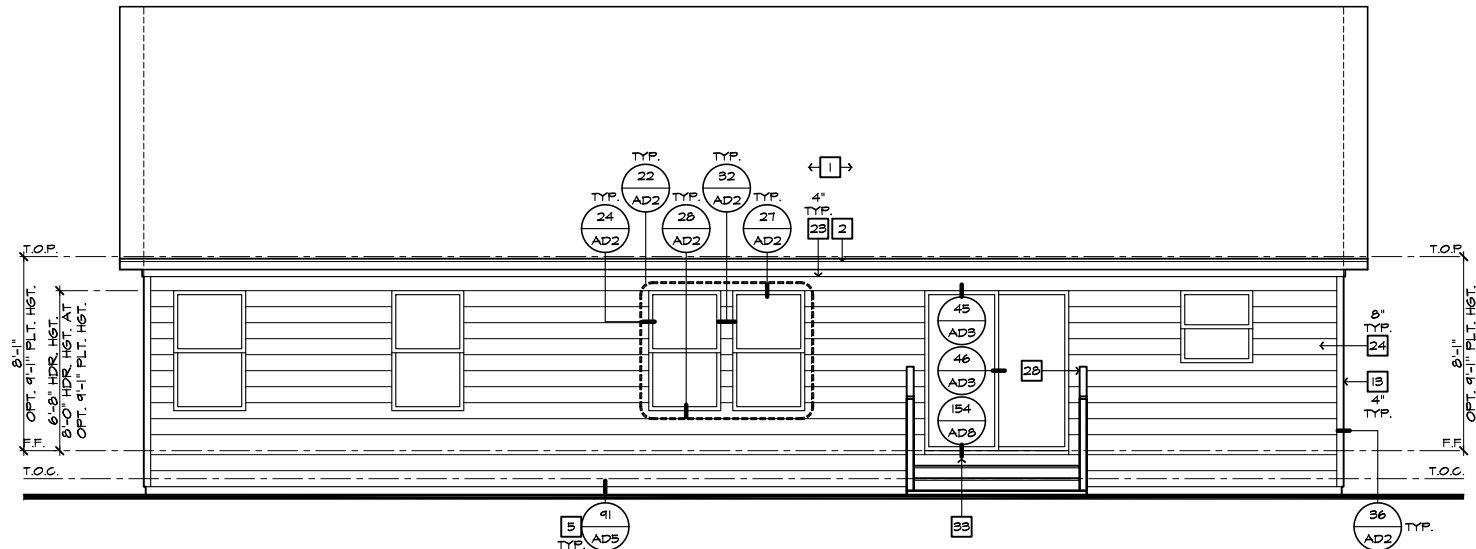
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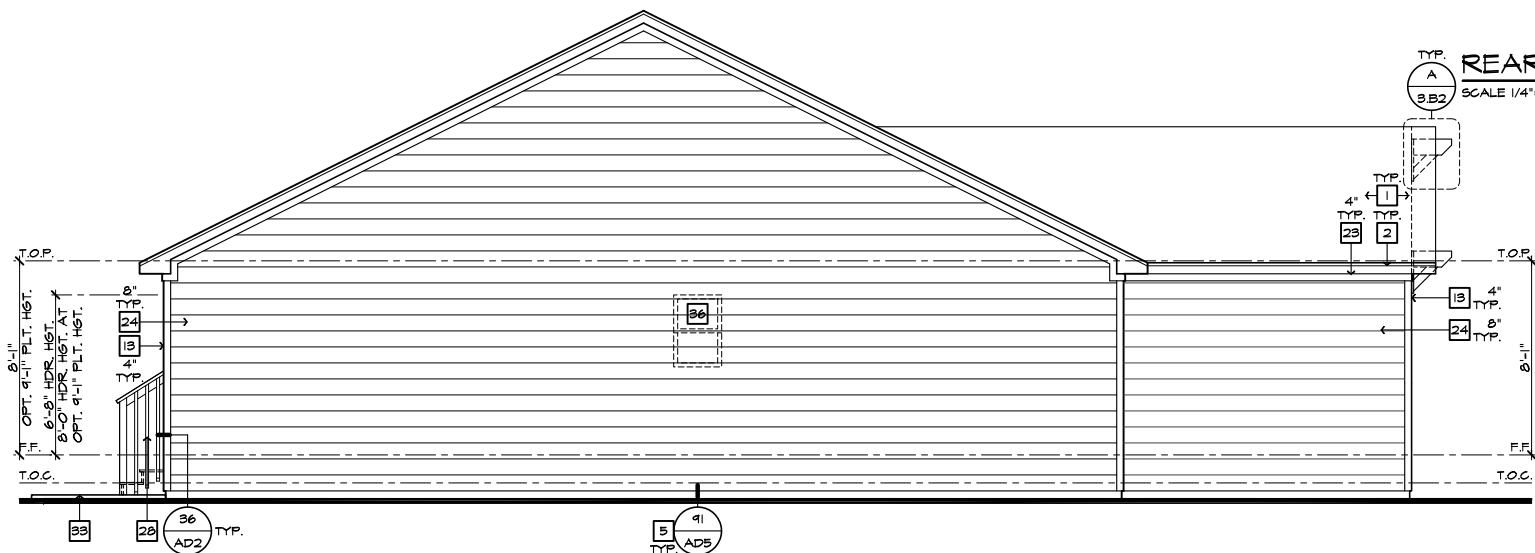
RIGHT ELEVATION 'B' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')



REAR ELEVATION 'B' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')



LEFT ELEVATION 'B' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
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 3. 6.1. FLASHING
 4. 6.1. FLASHING & SADDLE/CRICKET
 5. 6.1. DRIP SCREED
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 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
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 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
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 27. LIGHT WEIGHT PRECAST STONE TRIM
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 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
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 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
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 41. WATER TABLE
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 43. PILASTER - SEE ELEVATION FOR TYPE



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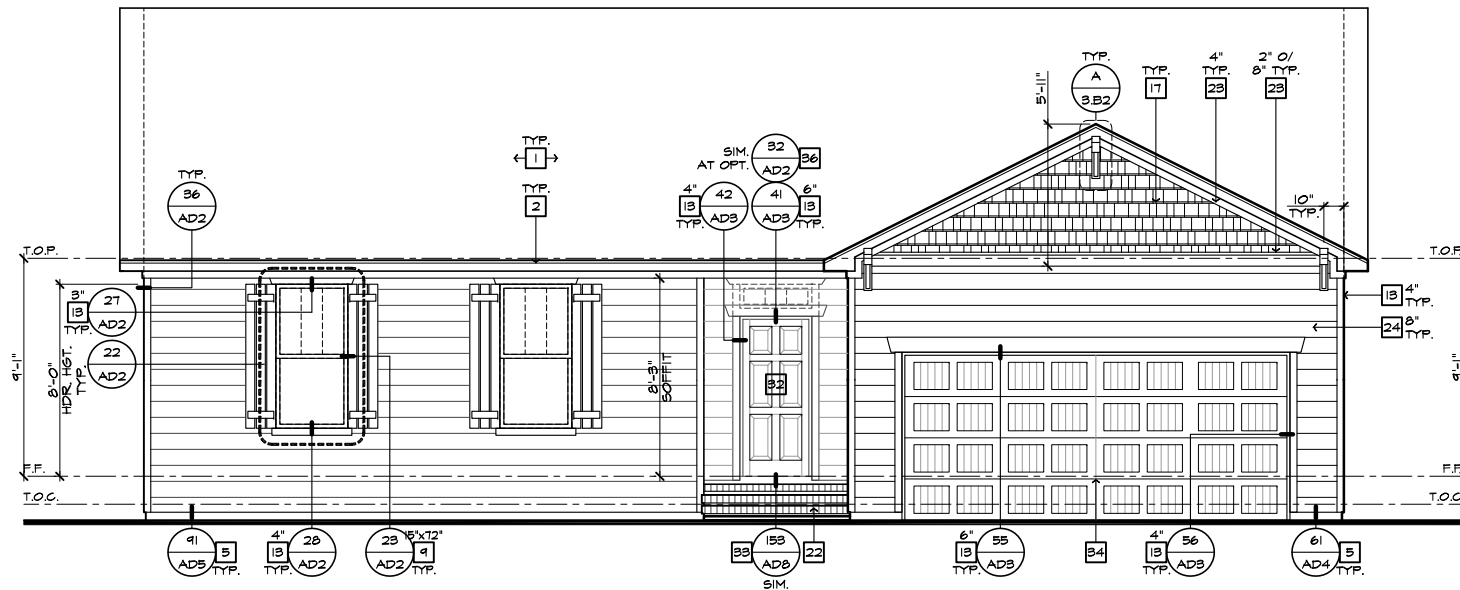
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SPEC. LEVEL 1
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FRONT ELEVATION 'B' W/ CRAWL SPACE
AT OPTIONAL 9'-1" PLT. HGT.

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



FRONT ELEVATION 'B'
AT OPTIONAL 9'-1" PLT. HGT.

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

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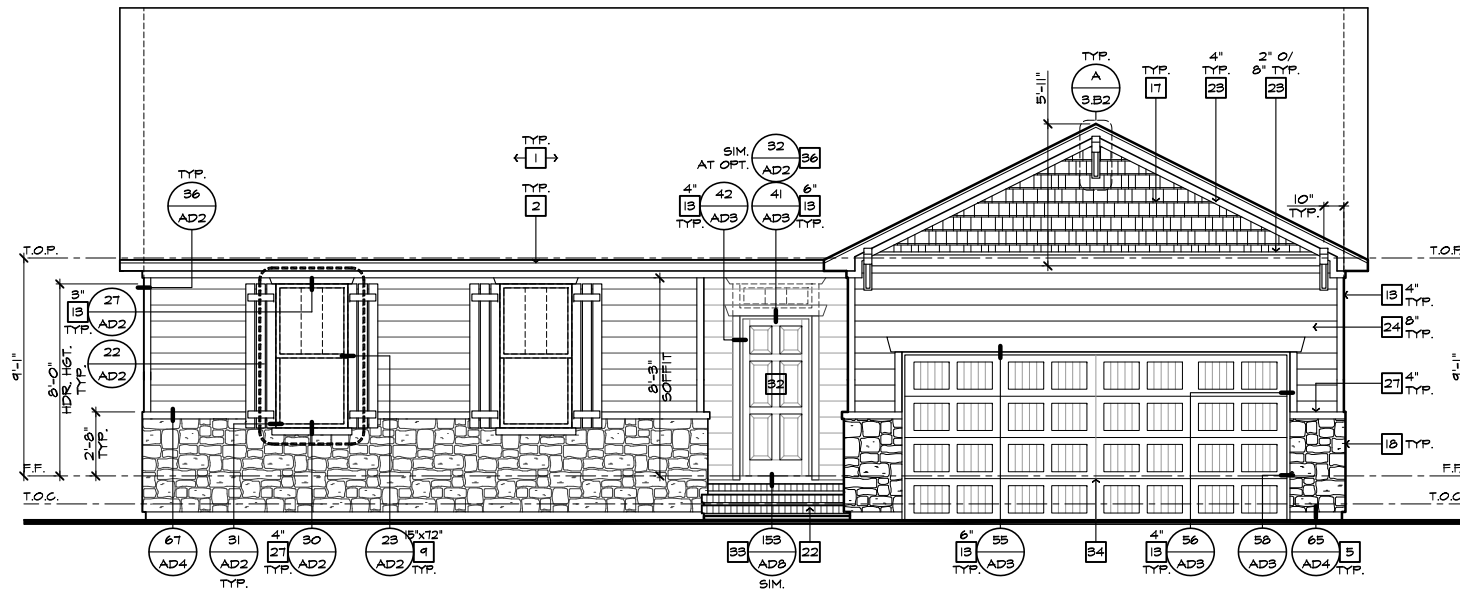
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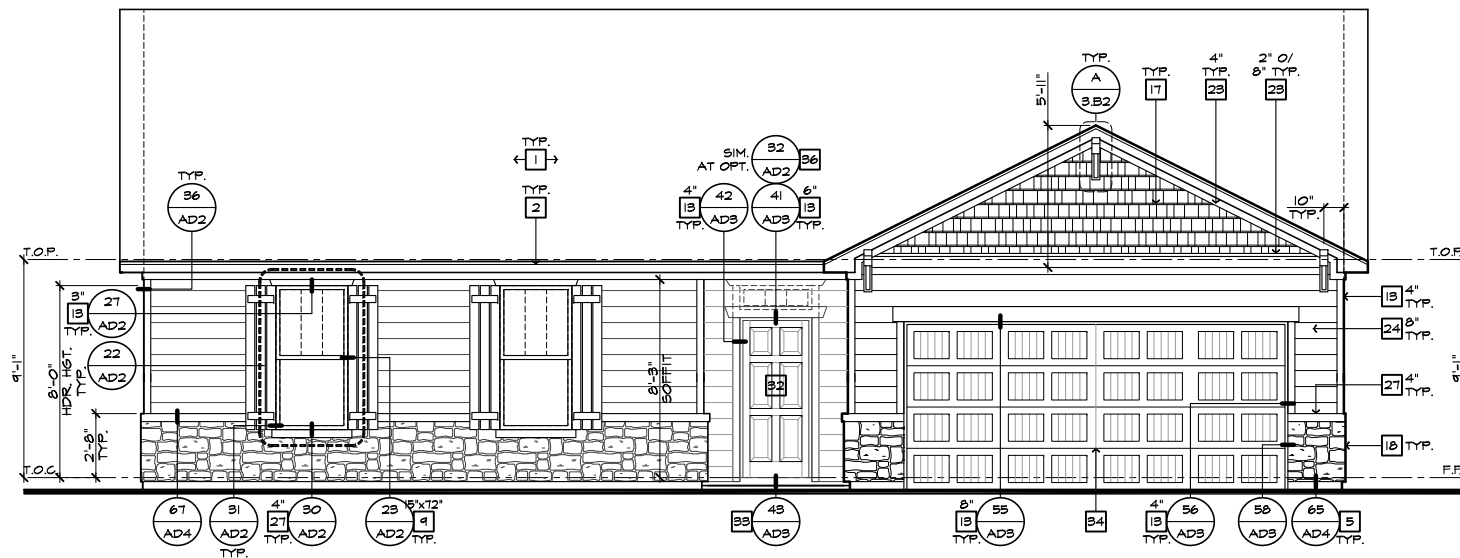
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RALEIGH-DURHAM
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NOTE:
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FRONT ELEVATION 'B' W/ STONE AT CRAWL SPACE
AT OPTIONAL 9'-1" PLT. HGT.
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



FRONT ELEVATION 'B' W/ STONE
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**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**

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#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER B VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
34.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
49.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	A/C PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DBL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)
	RYON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED FIRE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST IV WRAP.
70.	EGRESS WINDOW
75.	WINDOW LEDGE - HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES UNO.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB - SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SITE.



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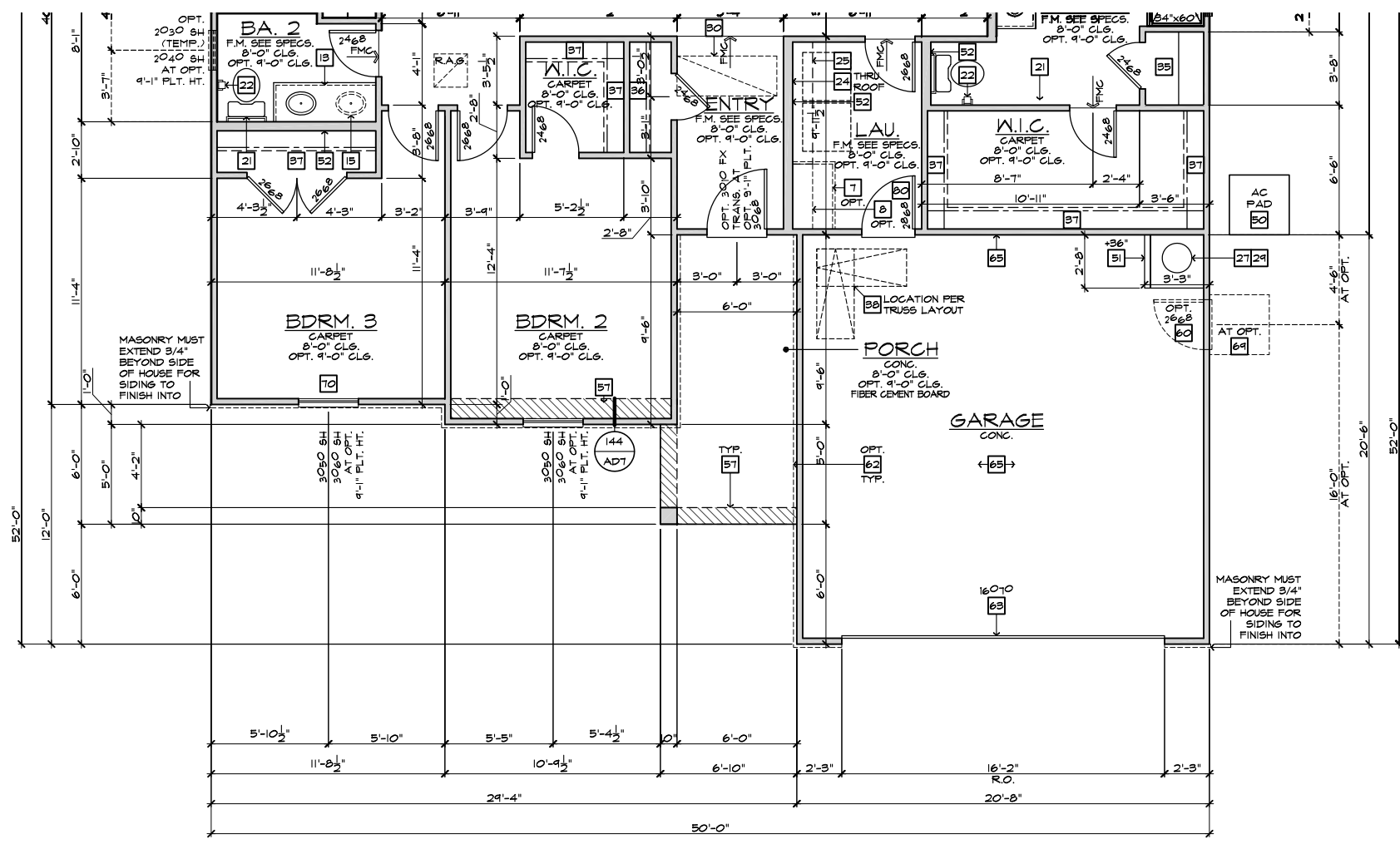
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SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES



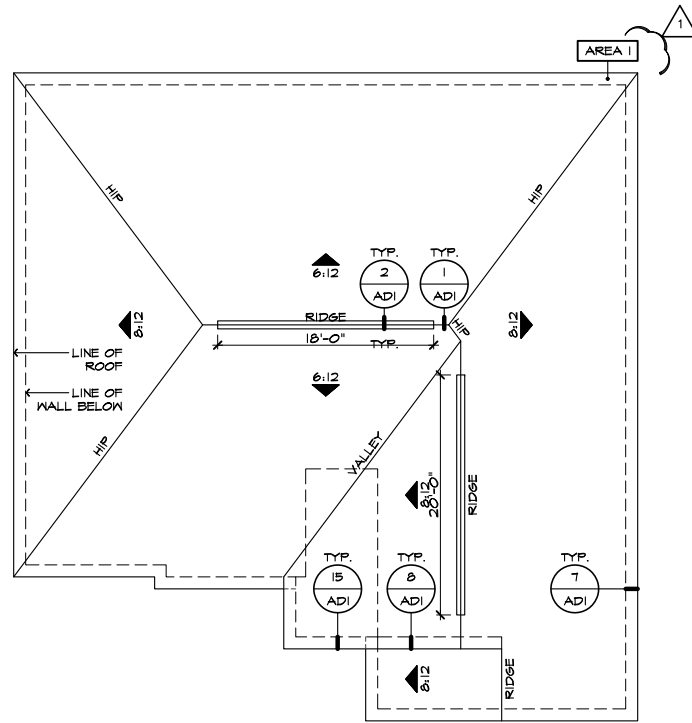
PARTIAL FLOOR PLAN 'C'

SCALE 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17")

BASIC PLAN

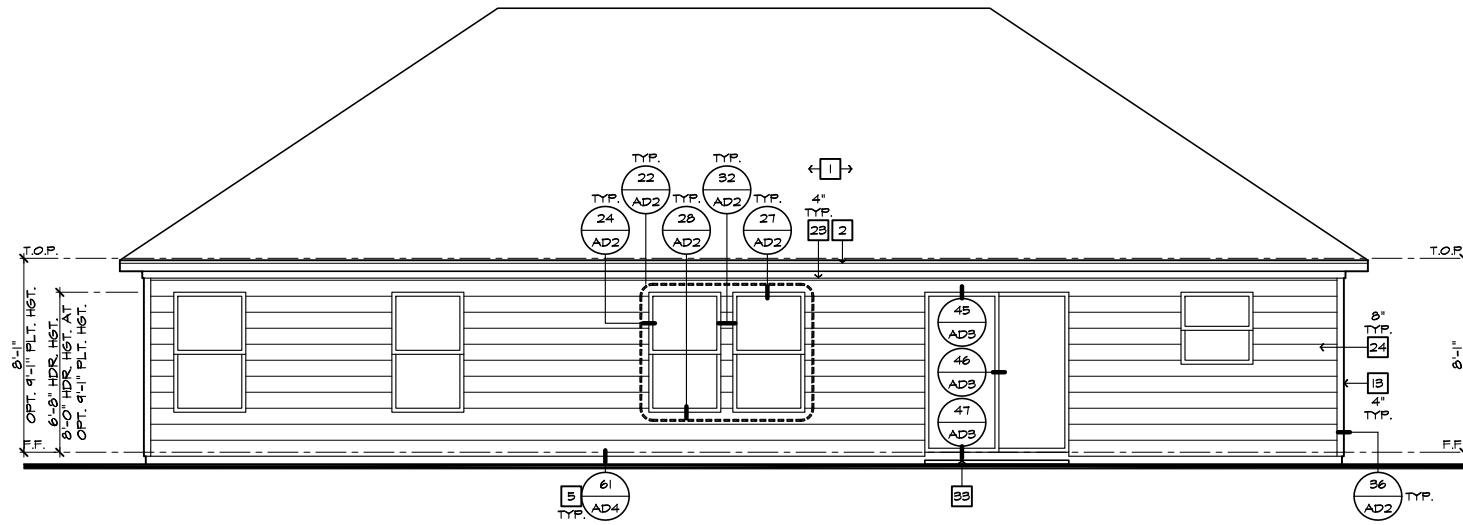
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

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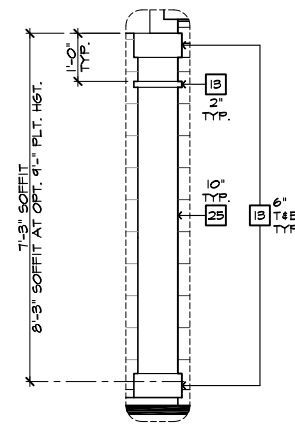
ROOF PLAN 'C'

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



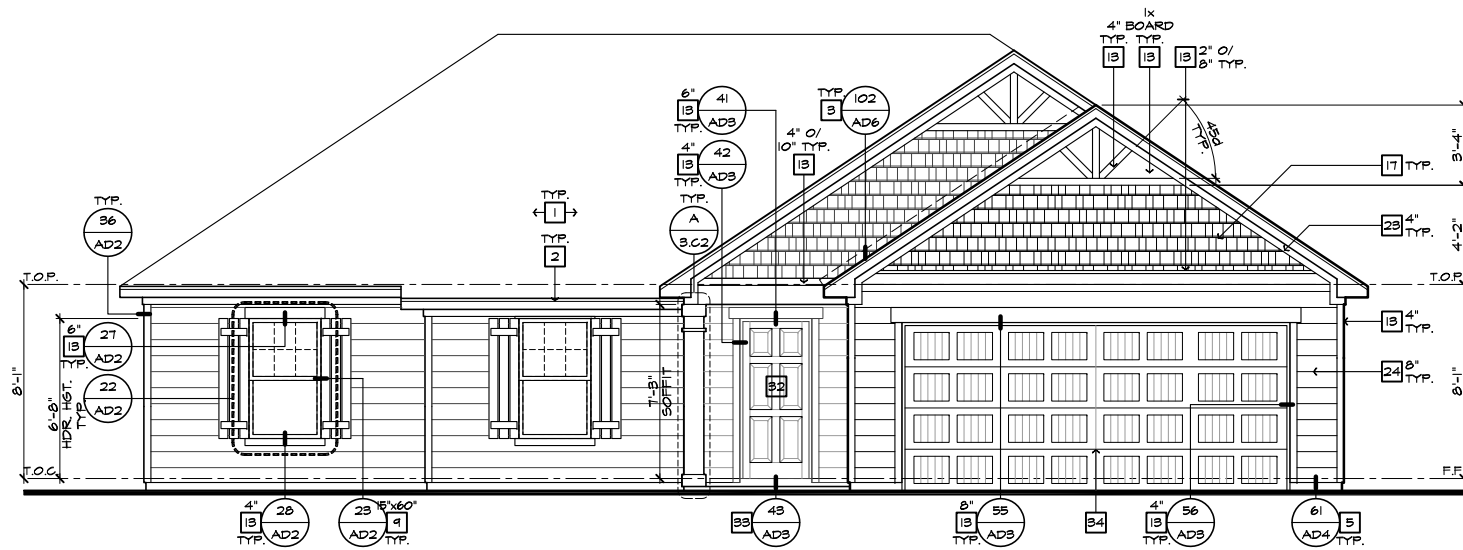
REAR ELEVATION 'C'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



DETAIL A

SCALE 1/2"=1'-0"



FRONT ELEVATION 'C'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6:1. FLASHING
4.	6:1. FLASHING & SADDLE/CRICKET
5.	6:1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
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16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
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22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	WRAP
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42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

#	ROOF PLAN NOTES 'C'
6:12	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	

#	ATTIC VENT CALCULATIONS
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS (LOW VENTING) (2018 N.C.-R 806.2)	
* CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	

AREA 1 / MAIN			
VENTILATION REQUIRED:			
ATTIC AREA = 2300	SQ. FT. / 300	7.67 SQ. FT.	
	X 144 =	1104 SQ. IN.	
TOTAL HIGH & LOW =		1104 SQ. IN.	
	X 50% =	552 SQ. IN.	
VENTILATION PROVIDED:			
HIGH			
30	LF RIDGE VENT(S) AT	10 SQ. IN. / LF. =	604 SQ. IN.
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:			
604 SQ. IN.			
LOW			
48	LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	676 SQ. IN.
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:			
1280 SQ. IN.			

NOTES:

ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.

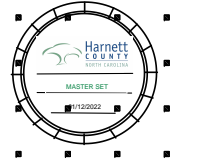
FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER-PROOF & WALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED W/ "MOISTOP" IN THE SAME MANNER PRESCRIBED FOR WINDOW INSTALLATION.

PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION.

LOCATE HIGH VENTING MINIMUM 3'-0" VERTICAL DISTANCE ABOVE EAVES.

WHEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, PROVIDE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF ROOF TILE VENTS.



NORTH CAROLINA 50' SERIES

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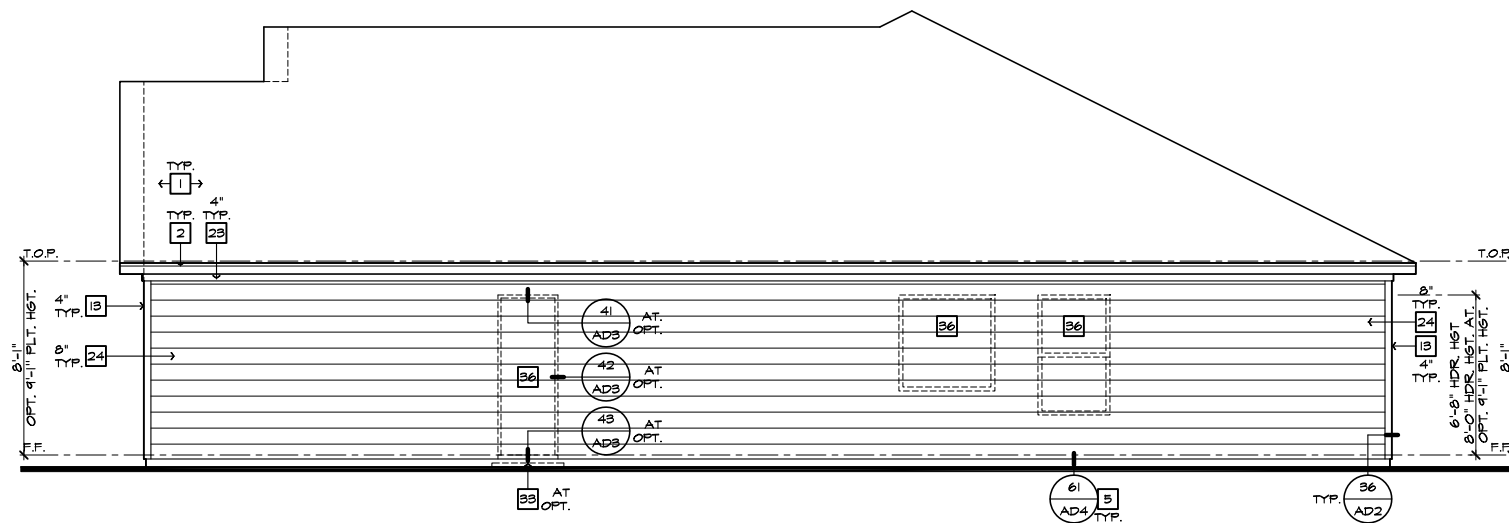
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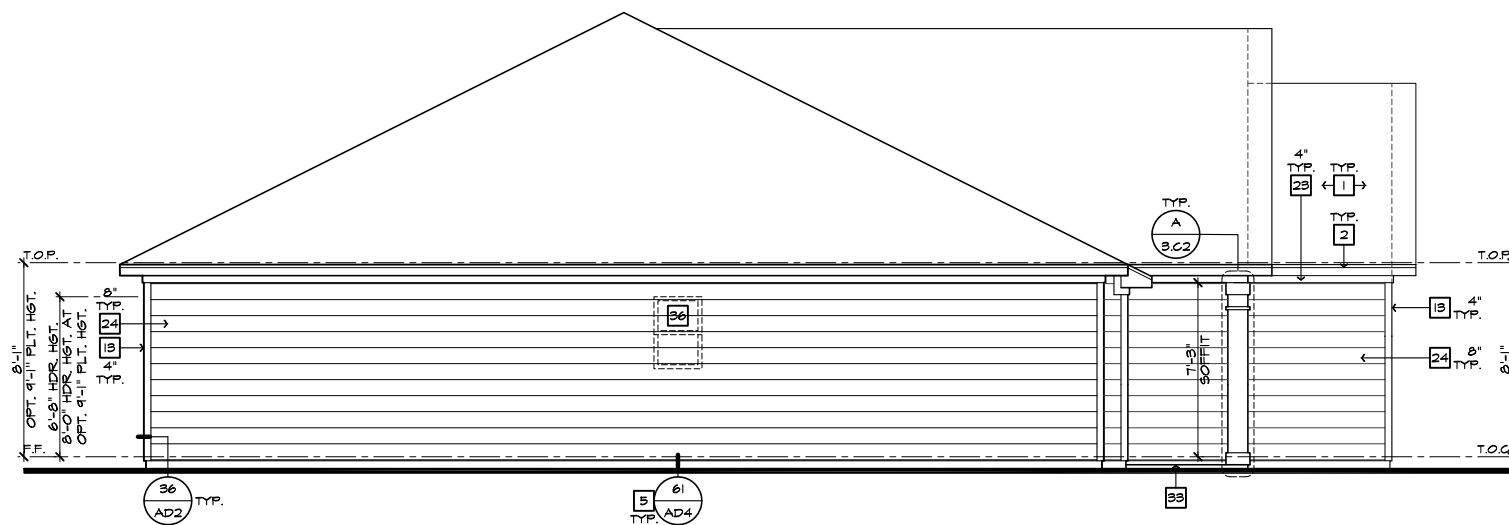
PLAN: 150.1773-R
SHEET: 3.C2

SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES

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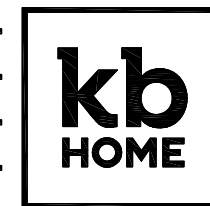


RIGHT ELEVATION 'C'
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



LEFT ELEVATION 'C'
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"X24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC-- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	RONLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE



NORTH CAROLINA 50' SERIES

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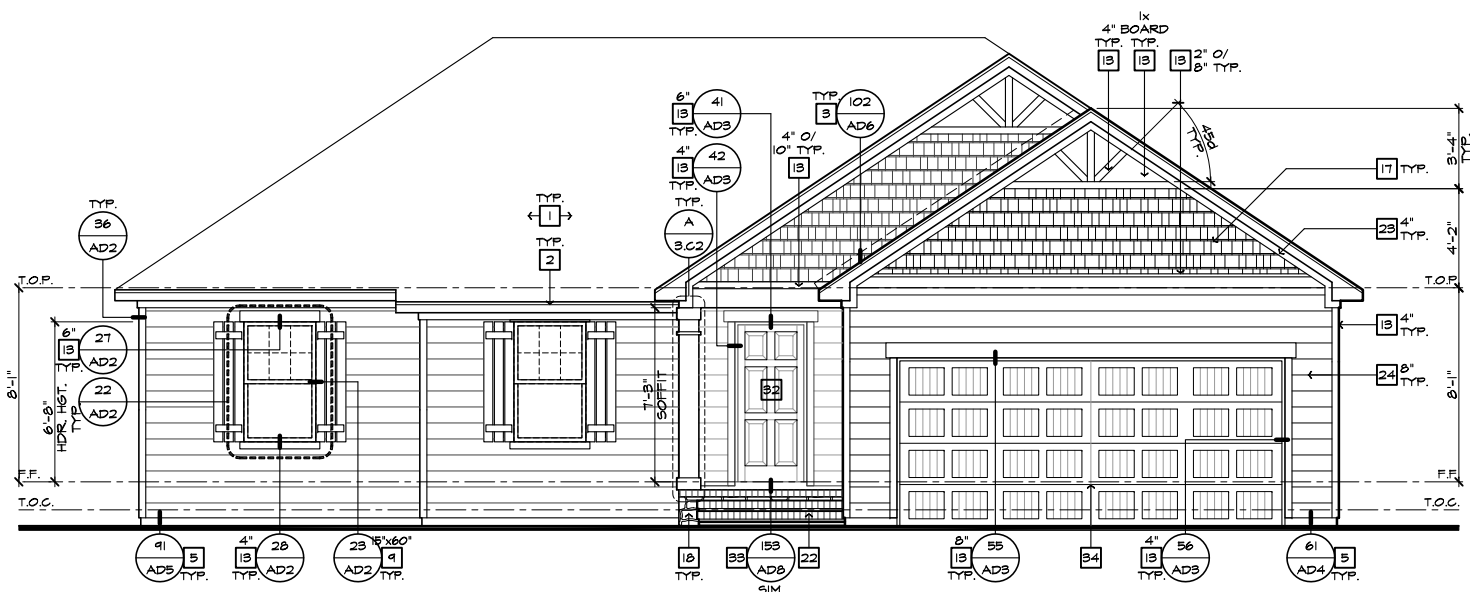
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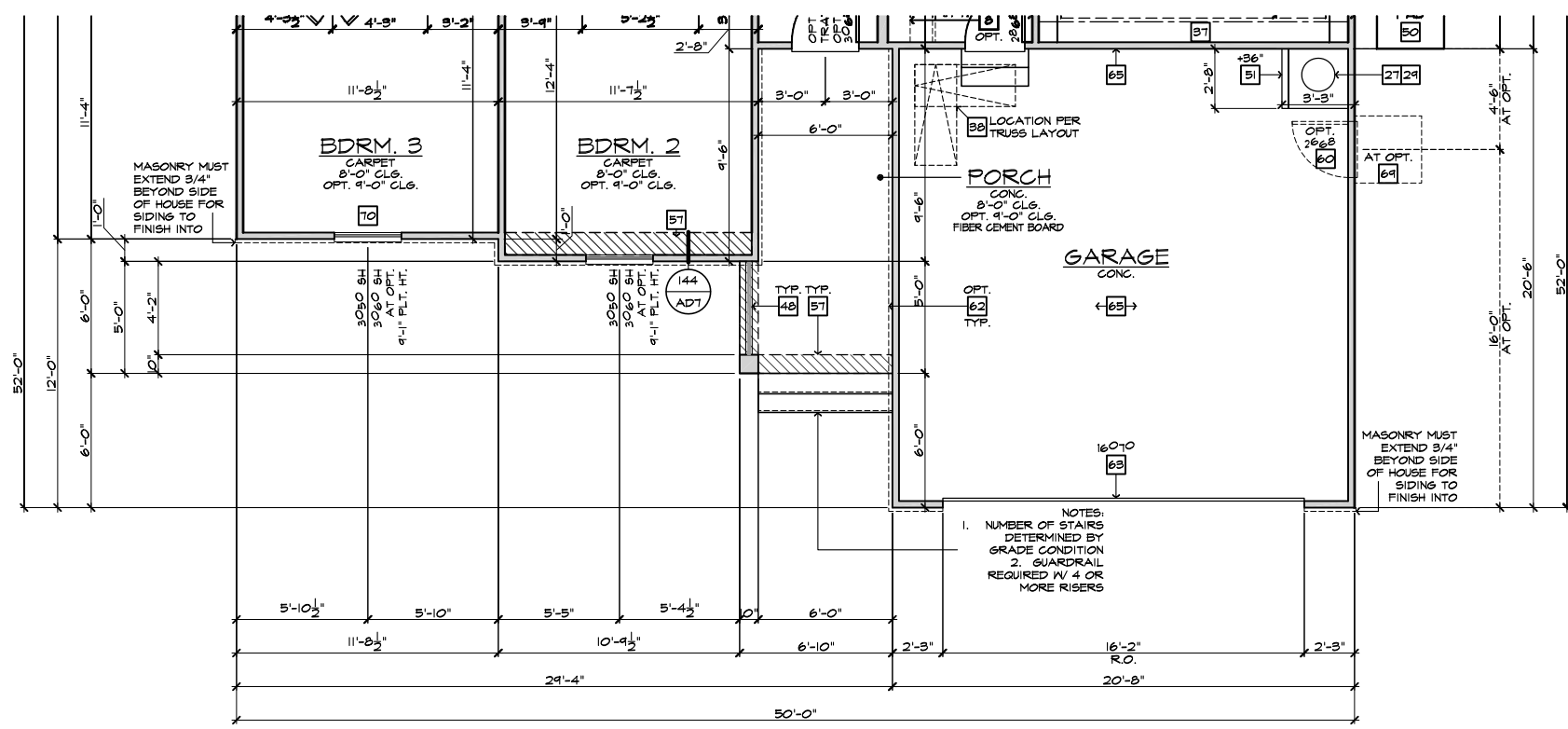
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**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**

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FRONT ELEVATION 'C' AT CRAWL SPACE
 SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

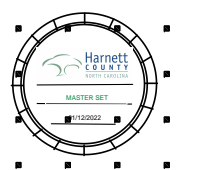


PARTIAL FLOOR PLAN 'C' AT CRAWL SPACE
 SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"X24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	FIBER-CEMENT SIDING PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	FIBER-CEMENT SMOOTH BOARD SEE SPECS
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
43.	MIN. 24" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
49.	MIN. 24" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DEL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/ WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST W/ WRAP.
70.	EGRESS WINDOW
75.	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- 1 VENTILATION NC2008NCP/ 01/17/20 /KBA
- 2 ADD NOTE TO TF NC20037NCP - 10/06/20 - KBA



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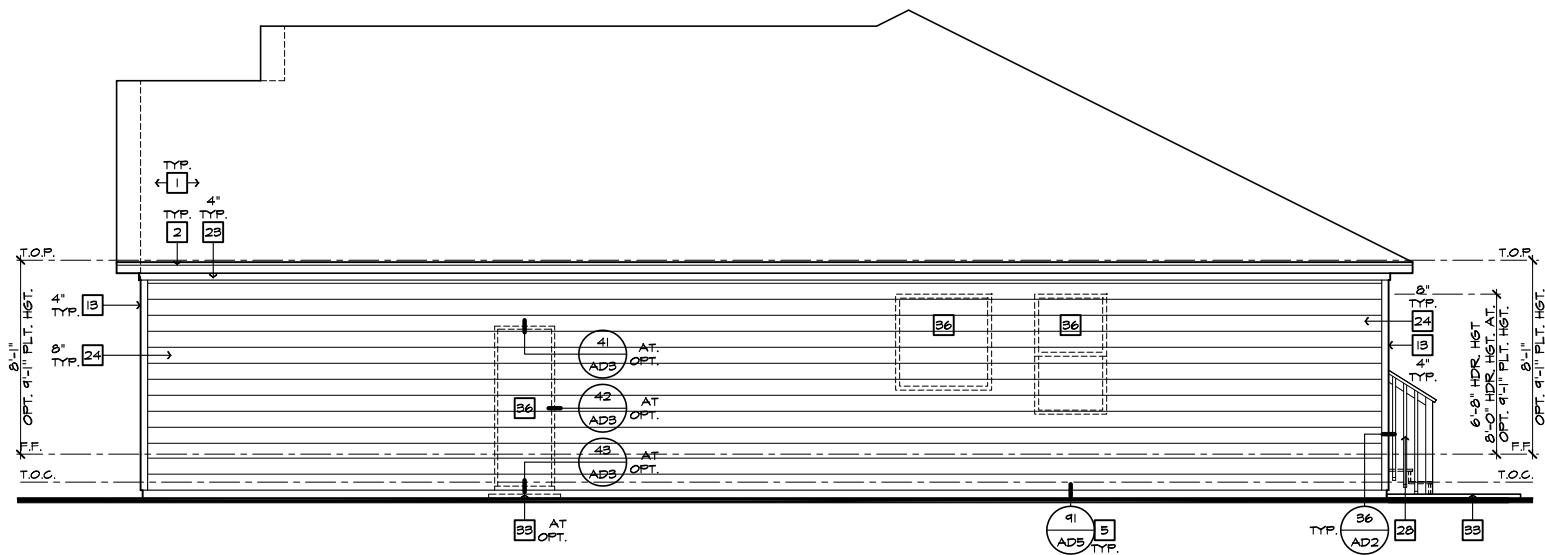
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 SHEET:
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SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

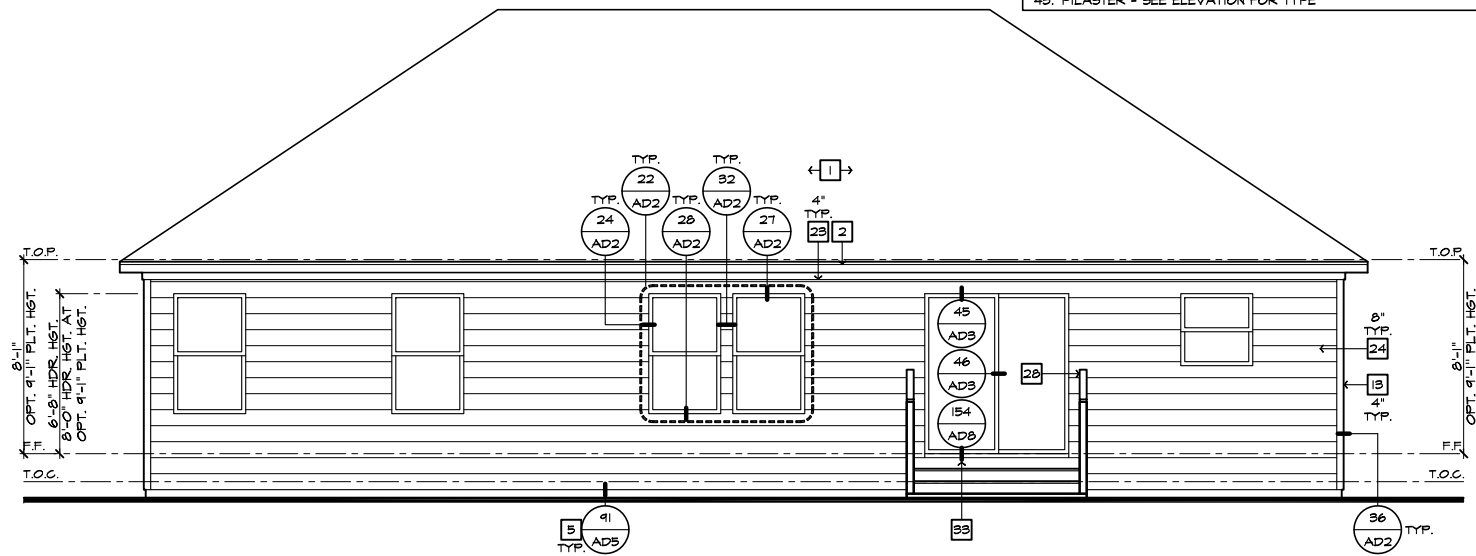
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

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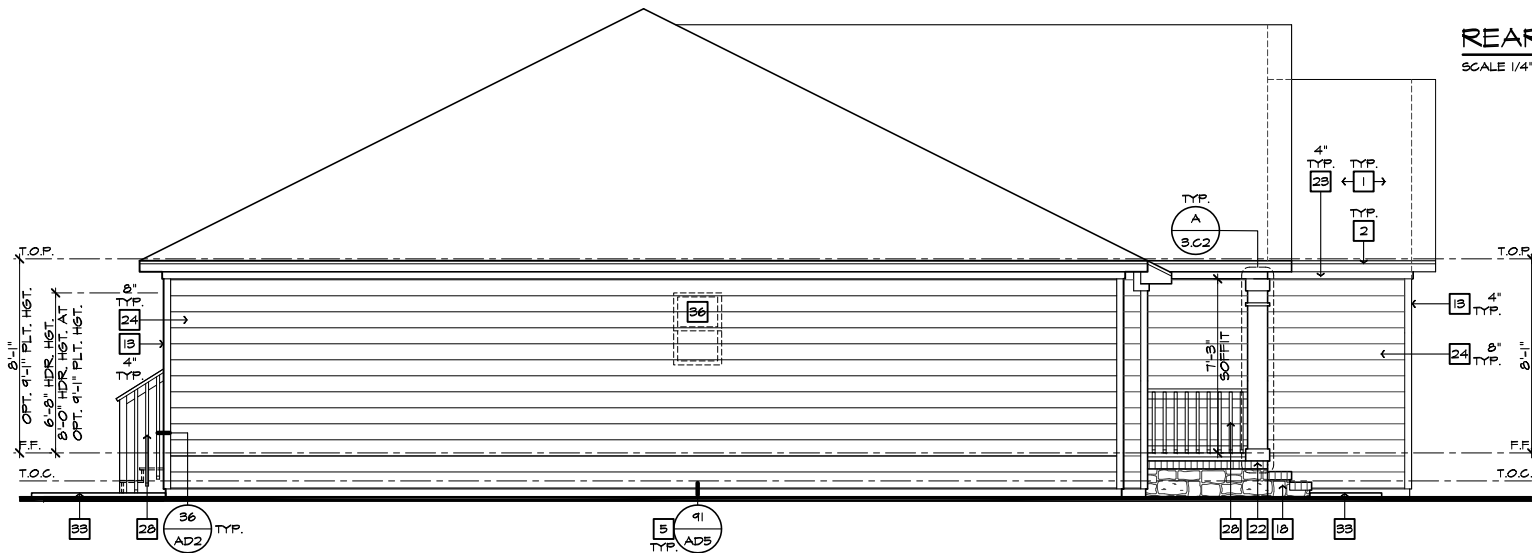
RIGHT ELEVATION 'C' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



REAR ELEVATION 'C' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



LEFT ELEVATION 'C' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- # ELEVATION NOTES
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6.1. FLASHING
 4. 6.1. FLASHING & SADDLE/CRICKET
 5. 6.1. DRIP SCREED
 6. 24"x24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE



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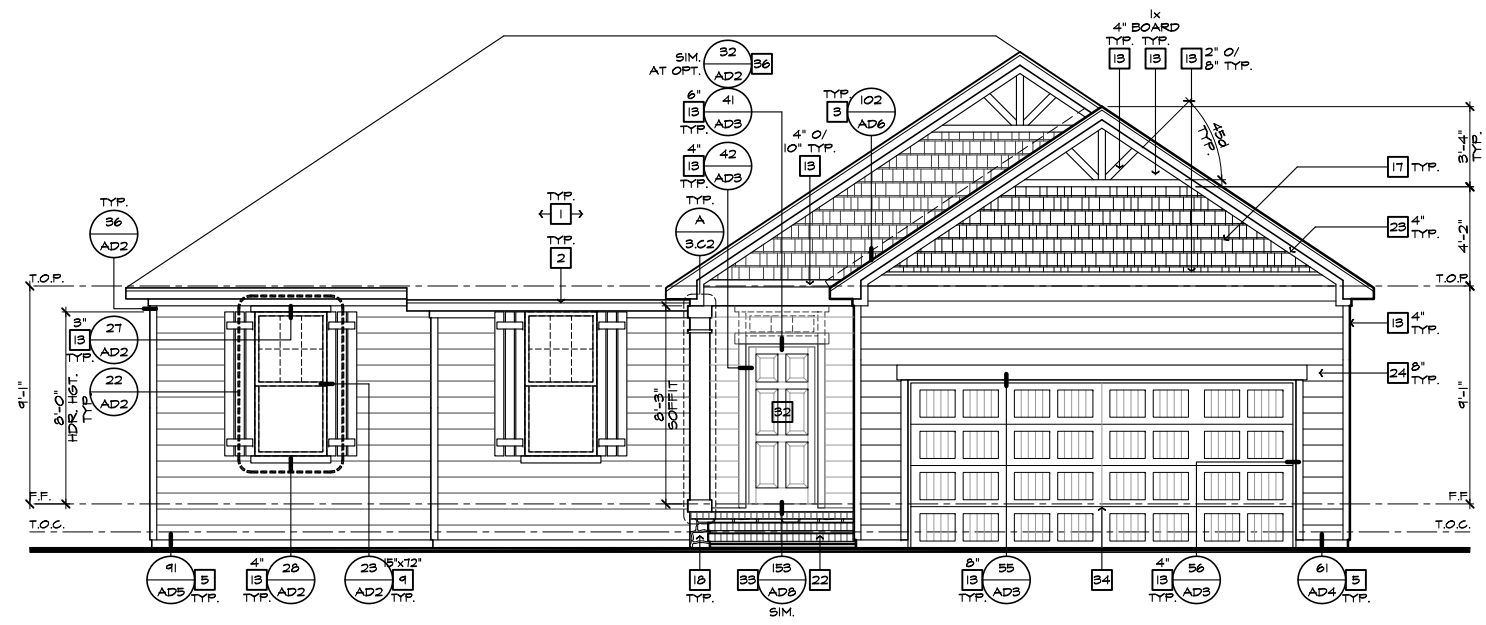
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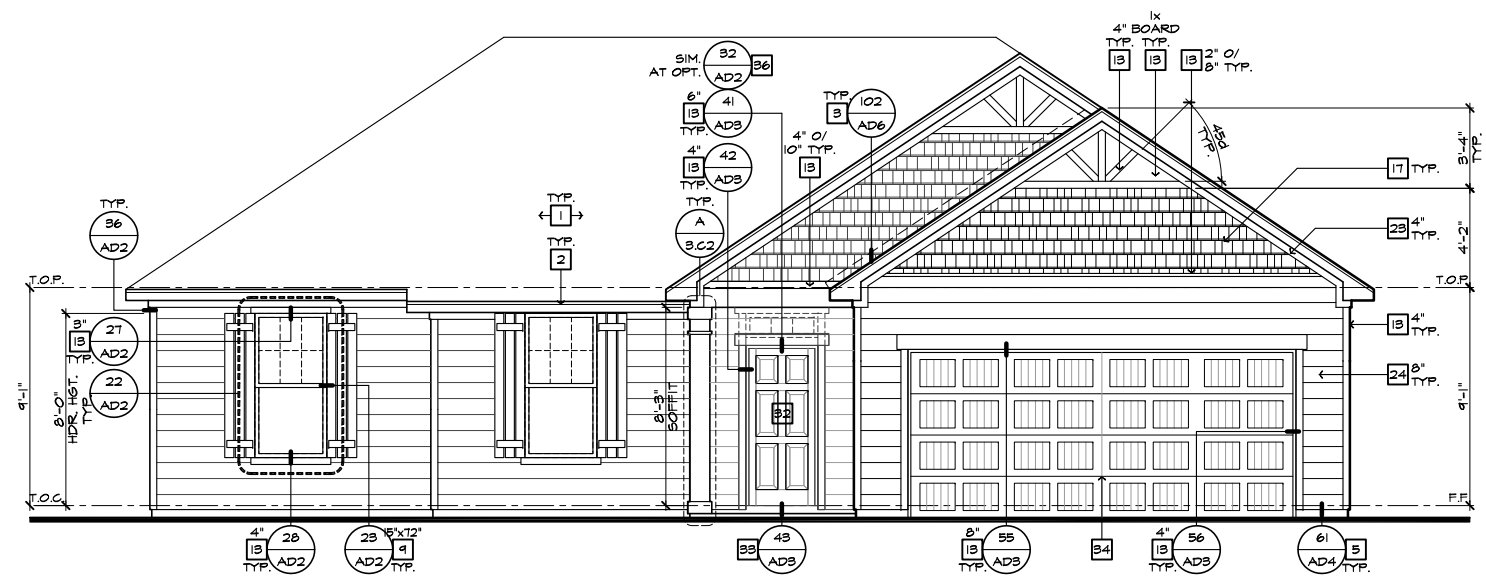
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SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES

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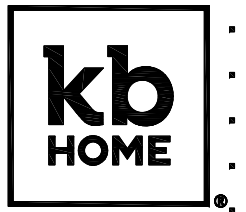


FRONT ELEVATION 'C' W/ CRAWL SPACE
AT OPTIONAL 9'-1" PLT. HGT.
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



FRONT ELEVATION 'C'
AT OPTIONAL 9'-1" PLT. HGT.
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6:1. FLASHING
 4. 6:1. FLASHING & SADDLE/CRICKET
 5. 6:1. DRIP SCREED
 6. 24"X24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE



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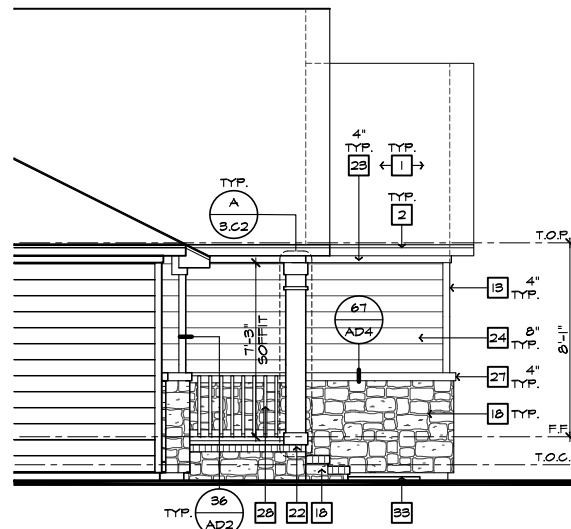
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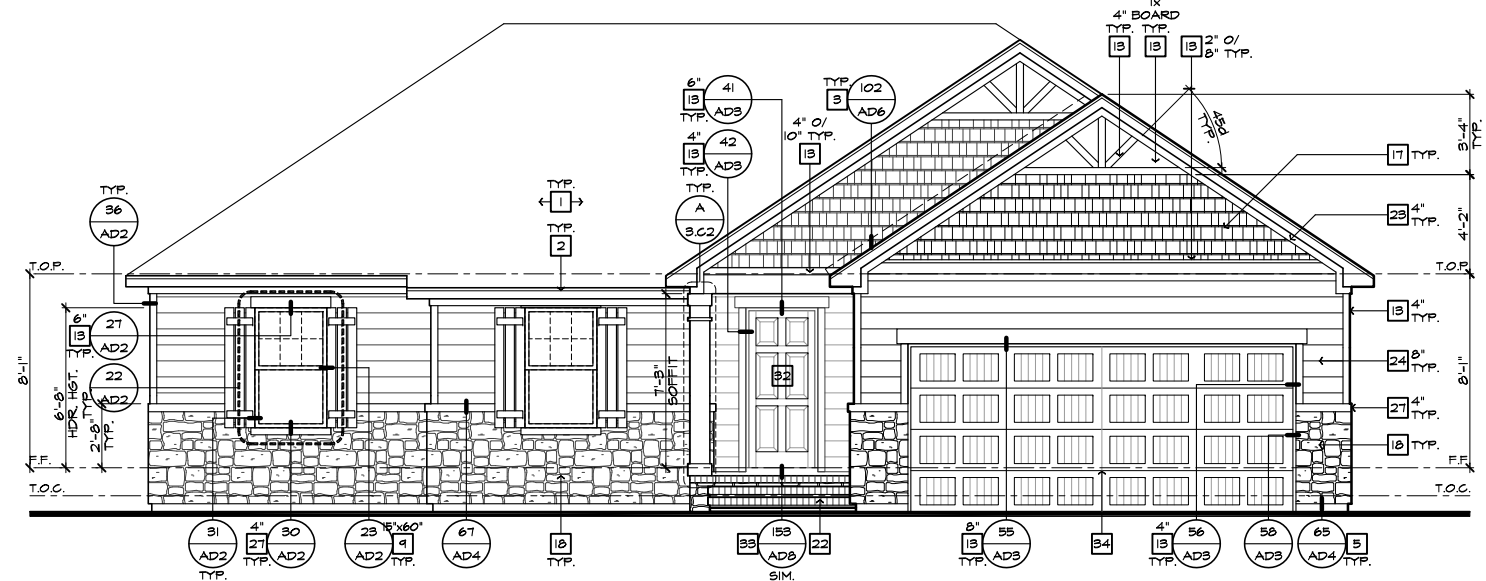
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RALEIGH-DURHAM
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NOTE:
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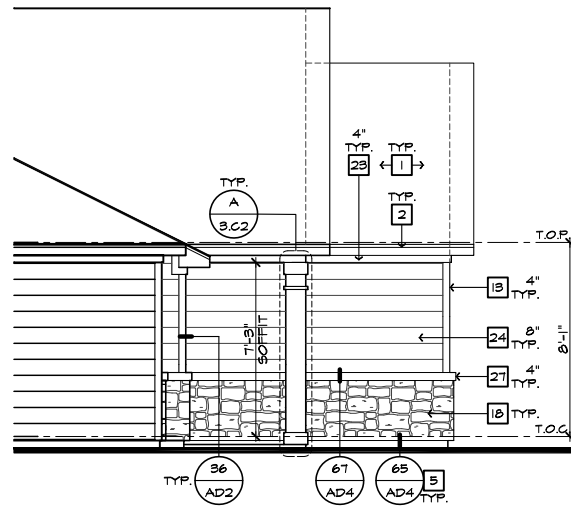
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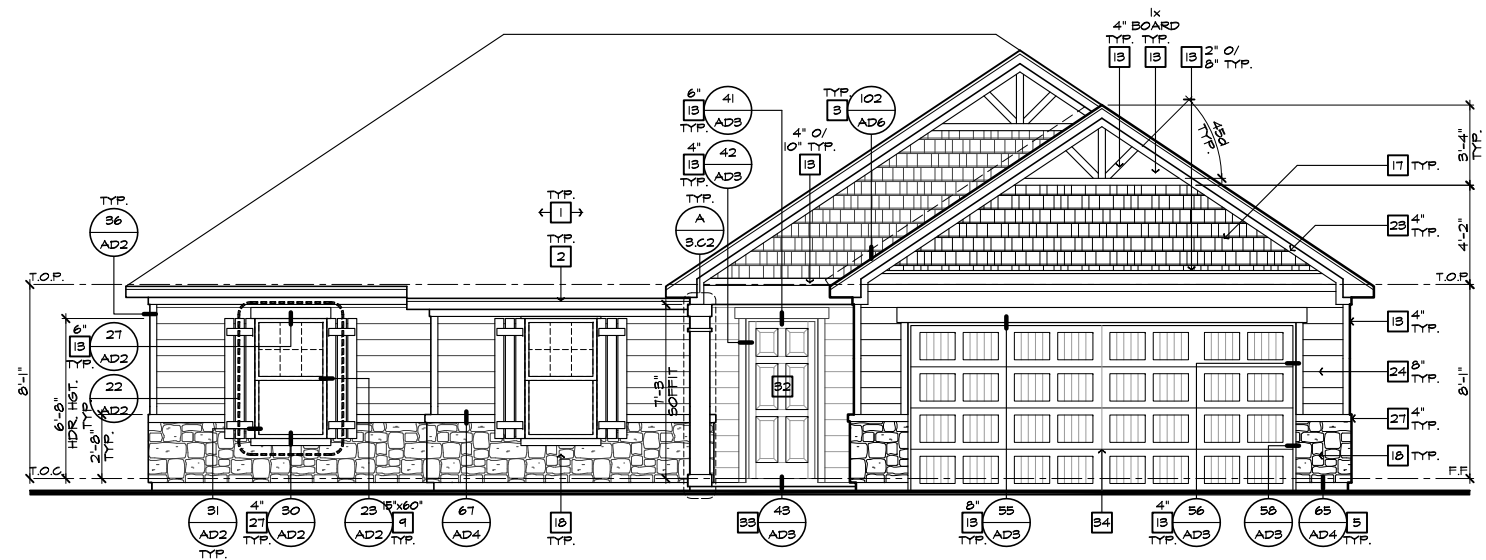
**PARTIAL LEFT ELEVATION
'C' W/ STONE AT CRAWL SPACE**
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



FRONT ELEVATION 'C' W/ STONE AT CRAWL SPACE
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

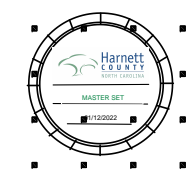


**PARTIAL LEFT ELEVATION
'C' W/ STONE OPTION**
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



FRONT ELEVATION 'C' W/ STONE OPTION
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6.1. FLASHING
 4. 6.1. FLASHING & SADDLE/CRIKET
 5. 6.1. DRIP SCREED
 6. 24"x24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
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 43. PILASTER - SEE ELEVATION FOR TYPE



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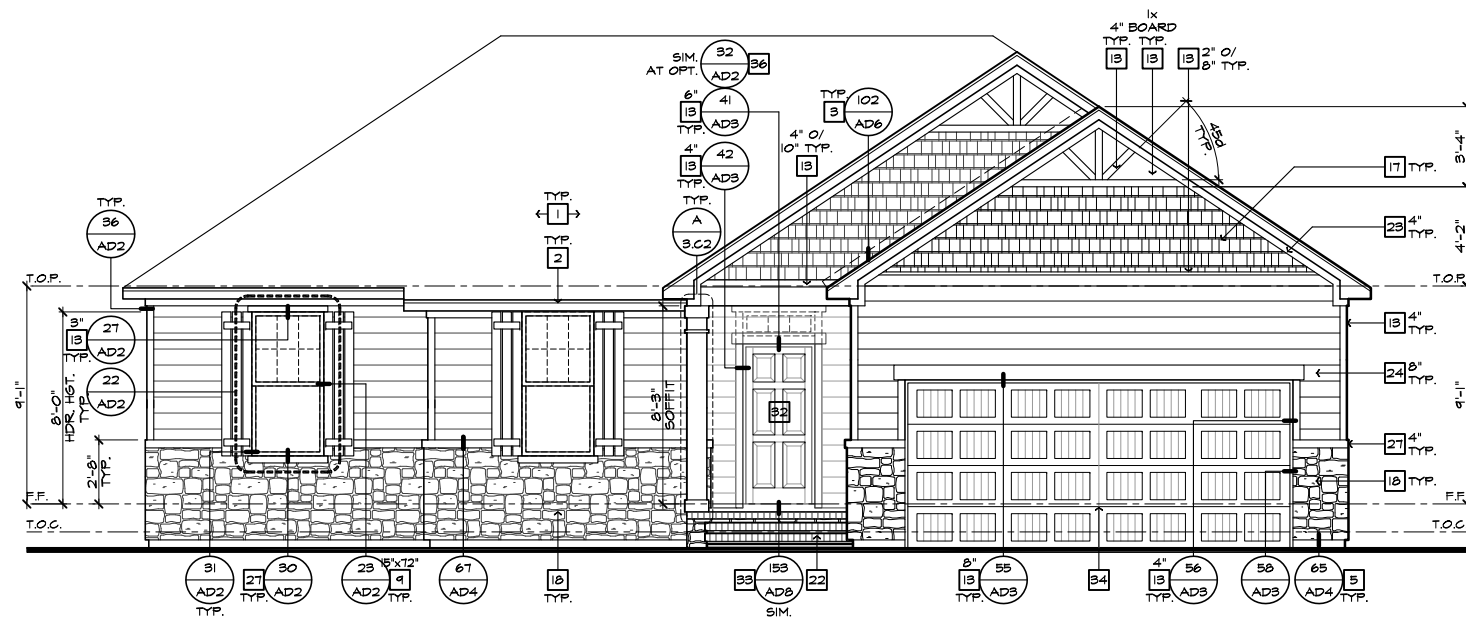
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PLAN:
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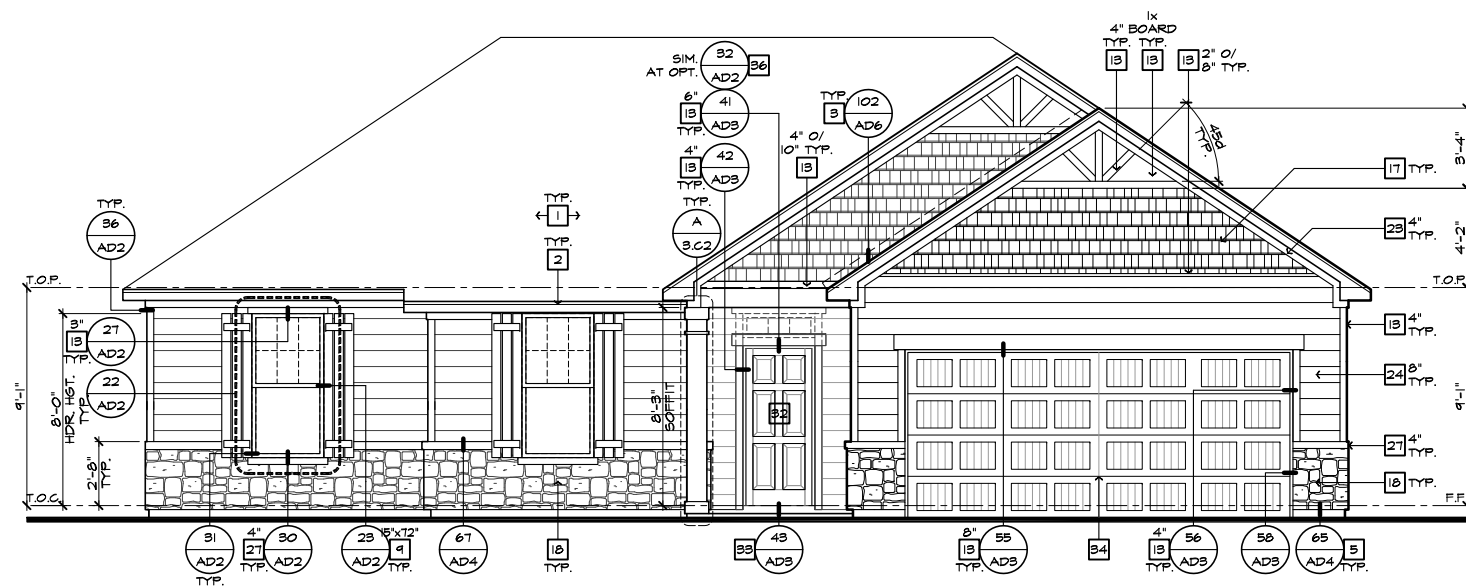
**SPEC. LEVEL 1
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FRONT ELEVATION 'C' W/ STONE AT CRAWL SPACE
AT OPTIONAL 9'-1" PLT. HGT.

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



FRONT ELEVATION 'C' W/ STONE
AT OPTIONAL 9'-1" PLT. HGT.

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6:1. FLASHING
 4. 6:1. FLASHING & SADDLE/CRICKET
 5. 6:1. DRIP SCREED
 6. 24"X24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE



**NORTH CAROLINA
50' SERIES**

KB HOME
NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD.
SUITE 180
DURHAM, NC 27703
TEL: (919) 768-7988
FAX: (919) 472-0582

**2018 NORTH
CAROLINA STATE
BUILDING
CODES**

ISSUE DATE: 12/13/19
PROJECT No.: 1350999:57
DIVISION MGR.: MP
REVISIONS:

1 VENTILATION
NC2008NCP/ 01/17/20 /KBA

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PLAN:
150.1773-R

SHEET:
3.C8

**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**

NOTE:
REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER B VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
34.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
49.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	A/C PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DBL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYRON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED FIRE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST IV WRAP.
70.	EGRESS WINDOW
75.	WINDOW LEDGE - HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES UNO.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB - SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SITE.



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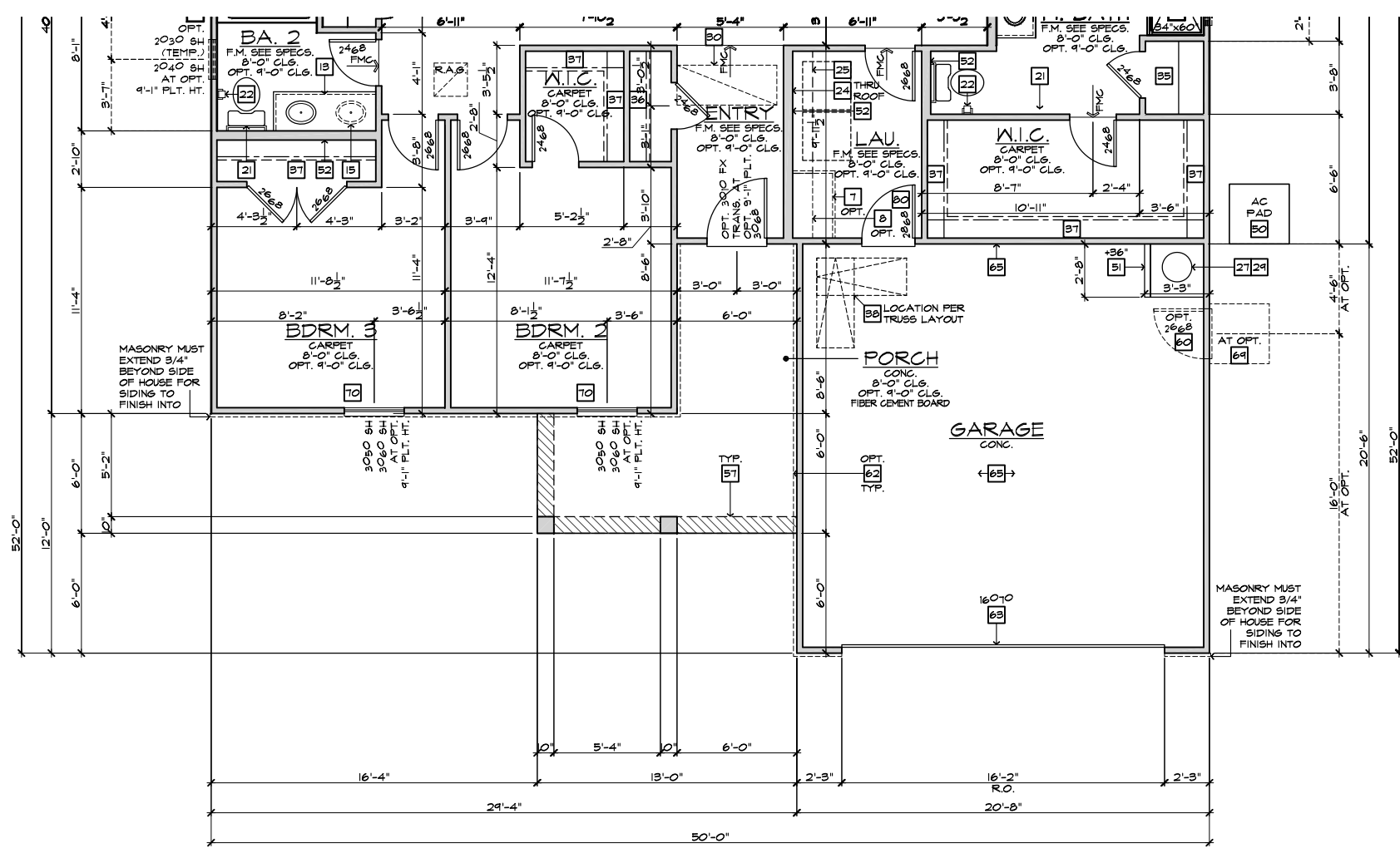
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PLAN:
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SHEET:
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**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**

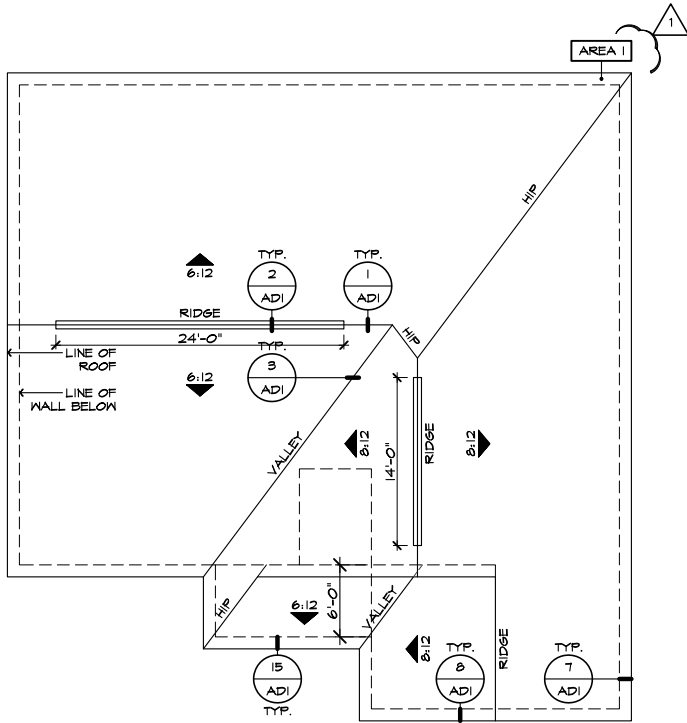


PARTIAL FLOOR PLAN 'D'
SCALE 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17")

BASIC PLAN

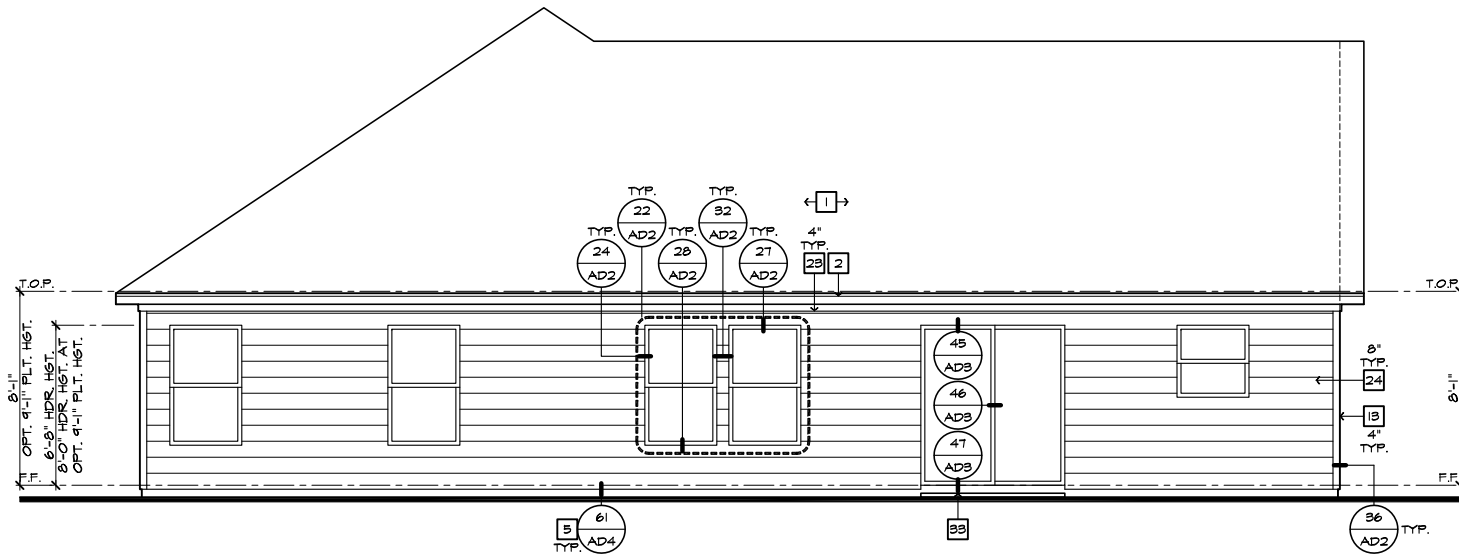
NOTE:
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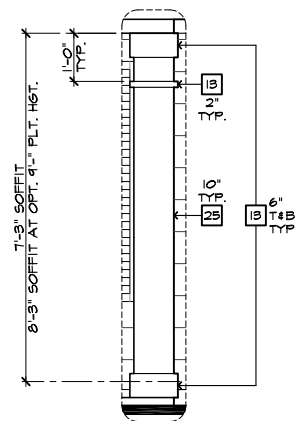
ROOF PLAN 'D'

SCALE 1/8"=1'-0" (22"X34") - 1/16"=1'-0" (11"X17")



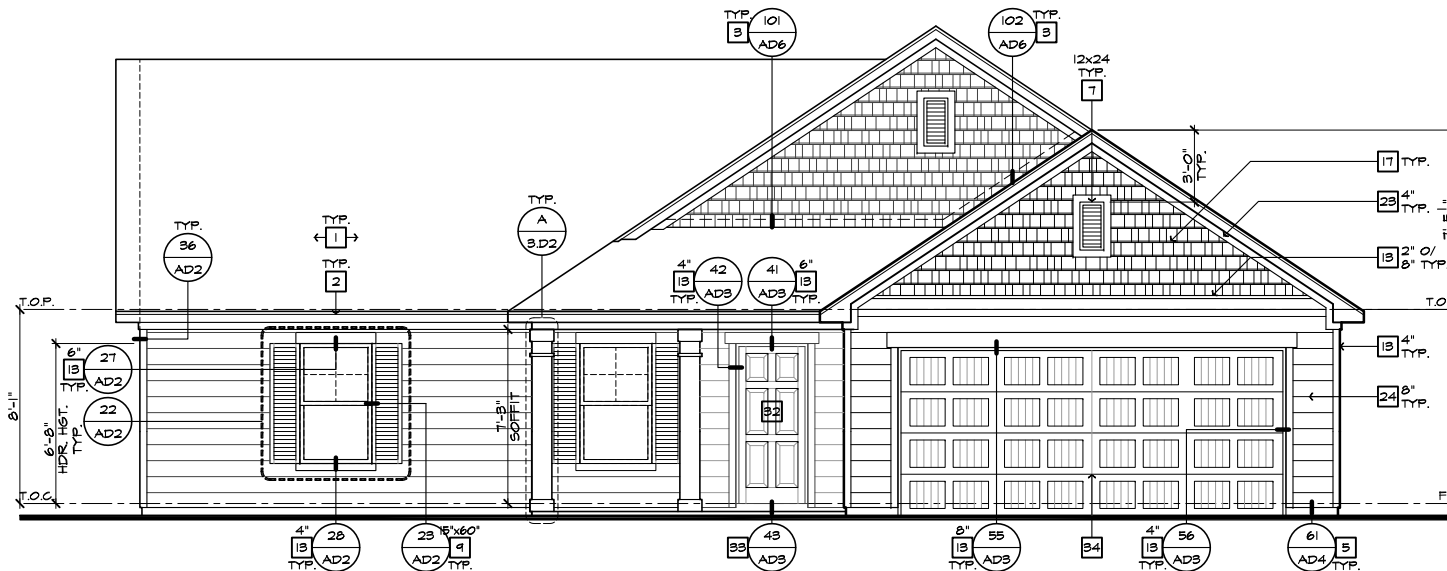
REAR ELEVATION 'D'

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



DETAIL A

SCALE 1/2"=1'-0"



FRONT ELEVATION 'D'

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

- ### # ELEVATION NOTES
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6:12 FLASHING
 4. 6:12 FLASHING & SADDLE/GRICKET
 5. 6:12 DRIP SCREED
 6. 24"x24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC - SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROYLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE

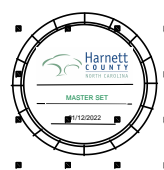
- ### ROOF PLAN NOTES 'D'
- 6:12 INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
- ROOF MATERIAL: COMPOSITION SHINGLE
 12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
 12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
 LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS

PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS (LOW VENTING) (2018 N.C.-R 806.2)
 * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.
 APPROXIMATE RIDGE VENT LOCATIONS SHOWN.
 ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 / MAIN	
VENTILATION REQUIRED:	
ATTIC AREA = 2926	SQ. FT. / 300 = 9.75 SQ. FT.
	X 144 = 1404 SQ. IN.
	TOTAL HIGH & LOW = 1404 SQ. IN.
	X 50% = 702 SQ. IN.
VENTILATION PROVIDED:	
HIGH	
30 LF RIDGE VENT(S) AT 10 SQ. IN. / LF. = 300 SQ. IN.	
0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.	
SUB-TOTAL HIGH VENTILATION:	300 SQ. IN.
LOW	
48 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 331 SQ. IN.	
0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.	
TOTAL VENTILATION PROVIDED:	631 SQ. IN.

- NOTES:**
- ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.
 - FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.
 - ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER-PROOF & WALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED W/ "MOISTOP" IN THE SAME MANNER PRESCRIBED FOR WINDOW INSTALLATION.
 - PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION.
 - LOCATE HIGH VENTING MINIMUM 3'-0" VERTICAL DISTANCE ABOVE EAVES.
 - WHEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, PROVIDE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF ROOF TILE VENTS.



NORTH CAROLINA 50' SERIES

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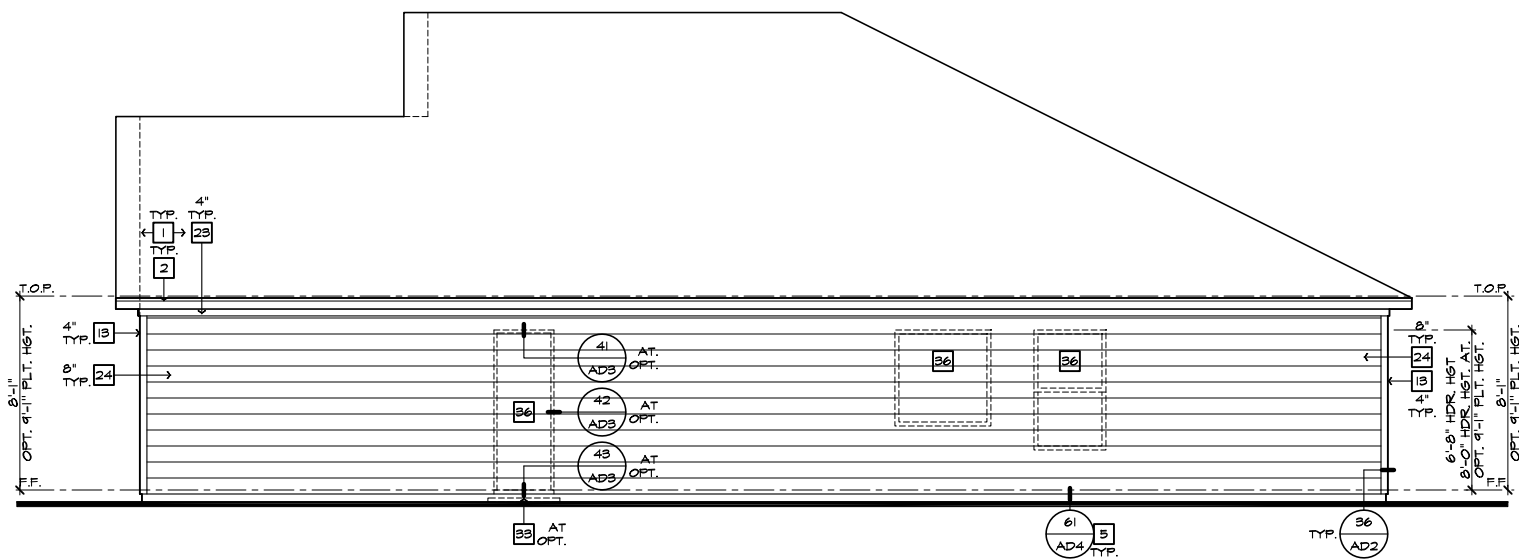
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PLAN: 150.1773-R
 SHEET: 3.D2

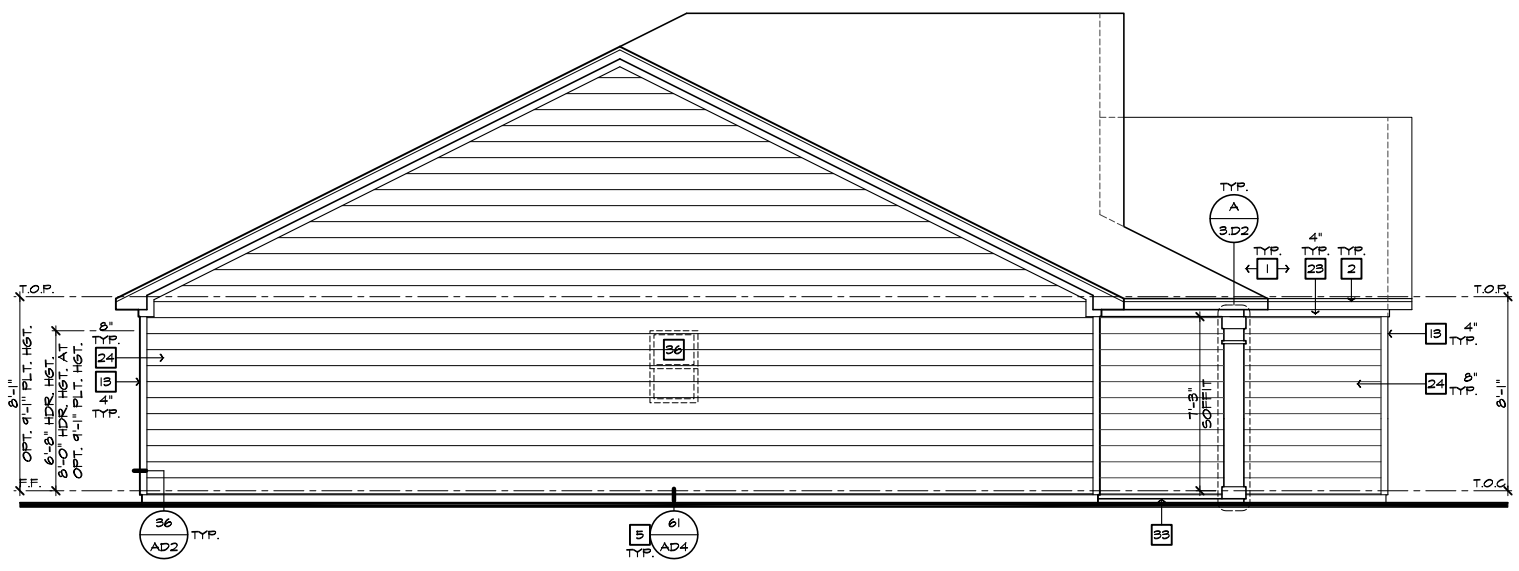
SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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RIGHT ELEVATION 'D'

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



LEFT ELEVATION 'D'

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC-- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	RONLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE



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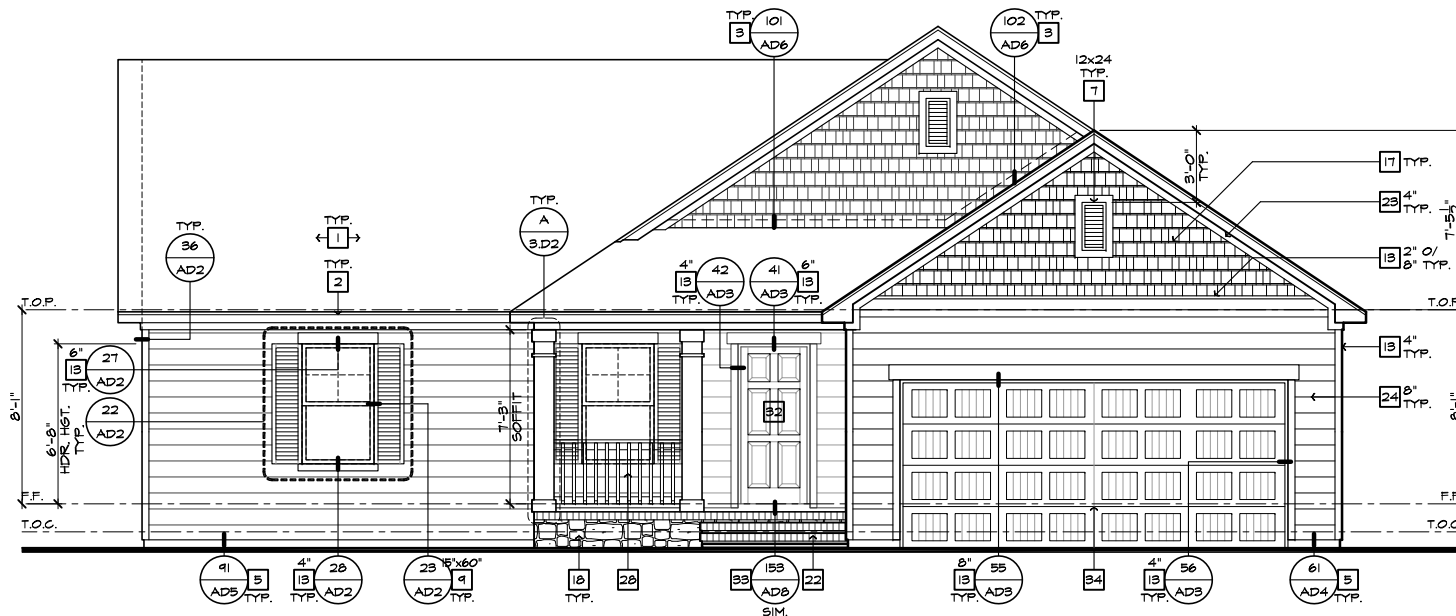
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PLAN:
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SHEET:
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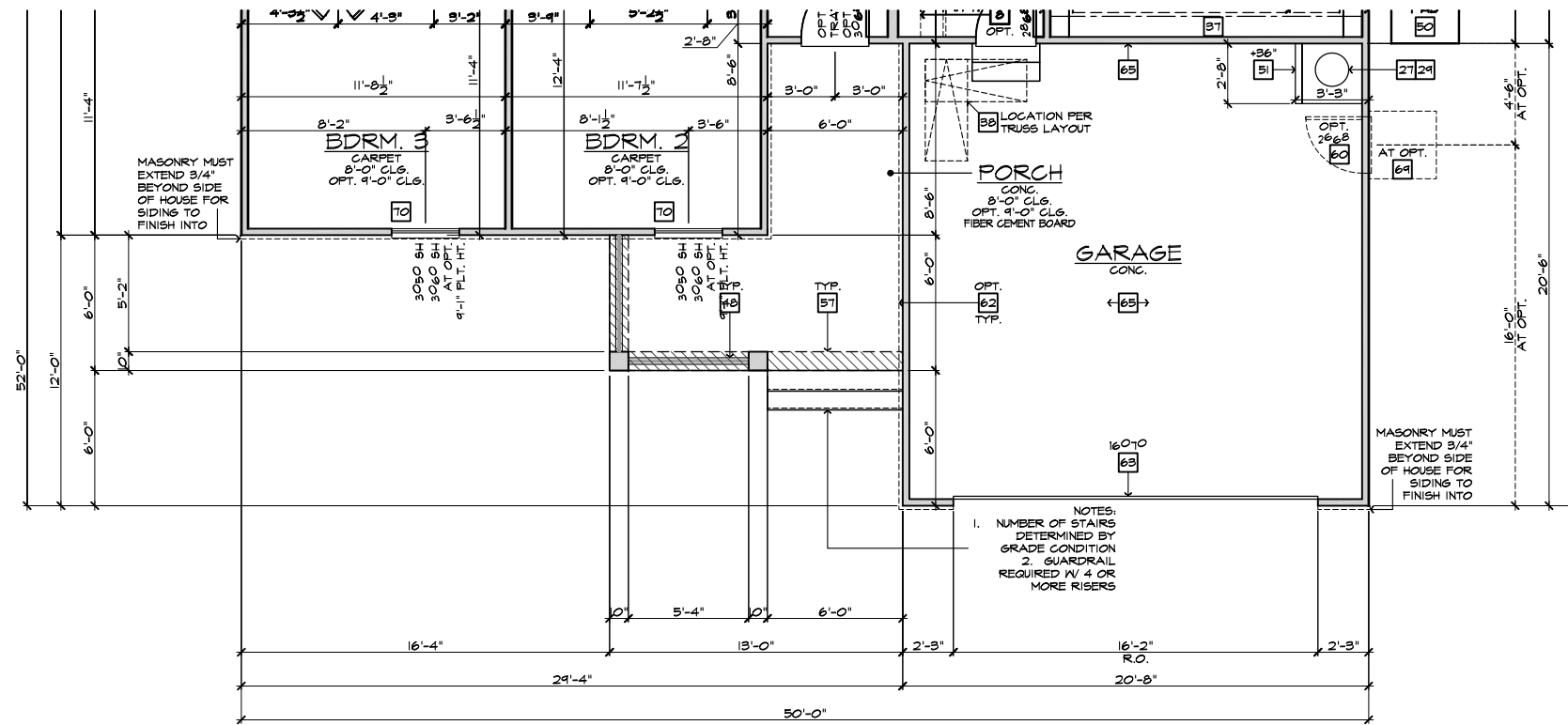
SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES

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FRONT ELEVATION 'D' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



PARTIAL FLOOR PLAN 'D' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

BASIC PLAN

ELEVATION NOTES 208.16.4

NOTE: NOT ALL KEY NOTES APPLY.

- ROOF MATERIAL - REFER TO ROOF NOTES
- 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 6.1. FLASHING
- 6.1. FLASHING & SADDLE/CRICKET
- 6.1. DRIP SCREED
- 24"x24" CHIMNEY
- DECORATIVE VENT
- DECORATIVE CORBEL
- DECORATIVE SHUTTERS
- PEDIMENT. SEE ELEVATION FOR TYPE
- RECESSED ELEMENT
- DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
- TRIM PER SPEC- SEE ELEVATION FOR SIZE
- SYNTHETIC MATERIAL
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
- SHAKE SIDING
- STONE VENEER PER SPECS
- BRICK/MASONRY VENEER PER SPECS
- BUILT UP BRICK COLUMN
- SOLDIER COURSE
- ROWLOCK COURSE
- FRIEZE BOARD
- SIDING W/ 4" CORNER TRIM PER SPECS
- P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
- PRE-FAB DECORATIVE TRIM
- LIGHT WEIGHT PRECAST STONE TRIM
- P.T. LUMBER RAILINGS (+36" U.N.O.)
- WRAP
- DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
- BRACKET OR KICKER - FYPON OR EQ.
- ENTRY DOOR
- CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
- SECTIONAL GARAGE DOOR PER SPECS
- ALUMINUM WRAP
- OPTIONAL DOOR/WINDING - REFER TO PLAN OPTIONS
- OPTIONAL STANDING SEAM METAL ROOF
- KEYSTONE
- SOLDIER CROWN
- JACK SOLDIER COURSE
- WATER TABLE
- ATRIUM DOOR
- PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES 208.16.4

NOTE: NOT ALL KEY NOTES APPLY.

- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
- WATER HEATER 'B' VENT TO OUTSIDE AIR
- MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
- LINE OF WALL BELOW
- LINE OF FLOOR ABOVE
- LINE OF FLOOR BELOW
- MIN. 2x4 HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
- MIN. PAD LOCATION
- LOW WALL - REFER TO PLAN FOR HEIGHT
- 2x6 STUD WALL
- DEL. 2x4 WALL PER PLAN
- INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
- FLAT SOFFIT
- ARCHED SOFFIT
- OPT. DOOR/ WINDOW
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- BRICK / STONE VENEER - REFER TO ELEVATIONS
- SECTIONAL GARAGE DOOR PER SPECS
- 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH)
- P.T. POST W/ WRAP
- EGRESS WINDOW
- WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
- SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
- CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

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PLAN:
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SHEET:
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NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES



NORTH CAROLINA
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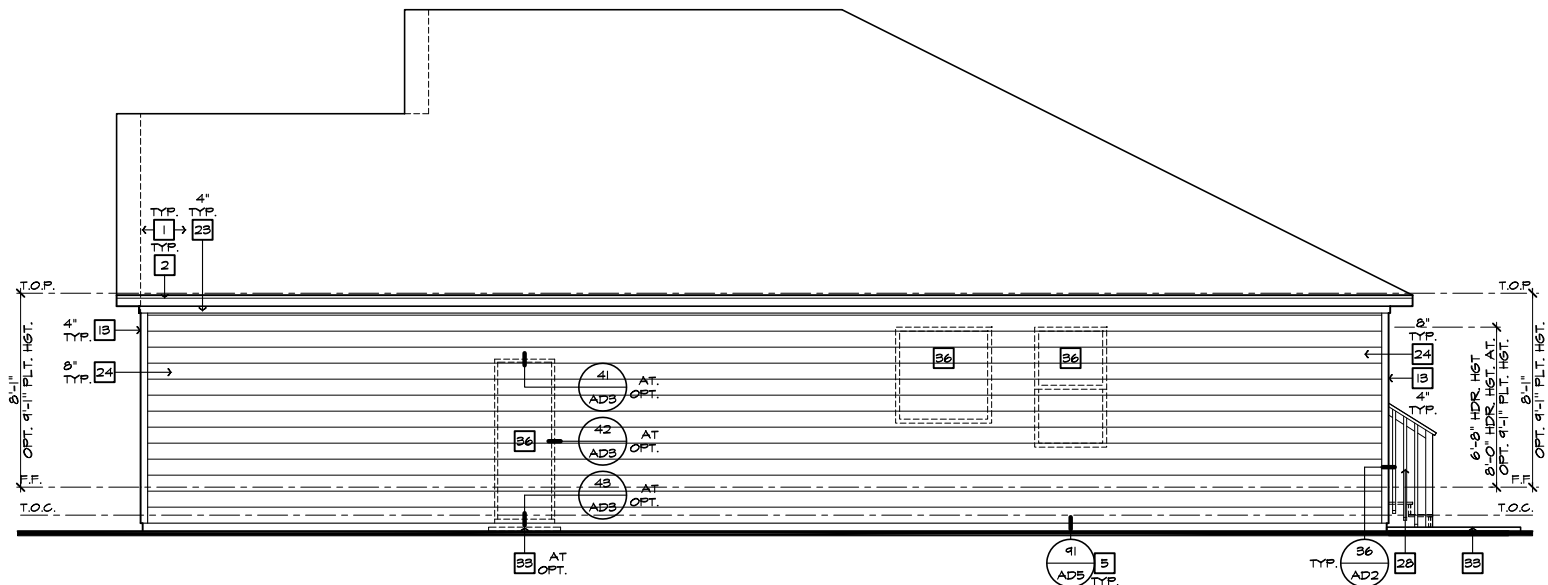
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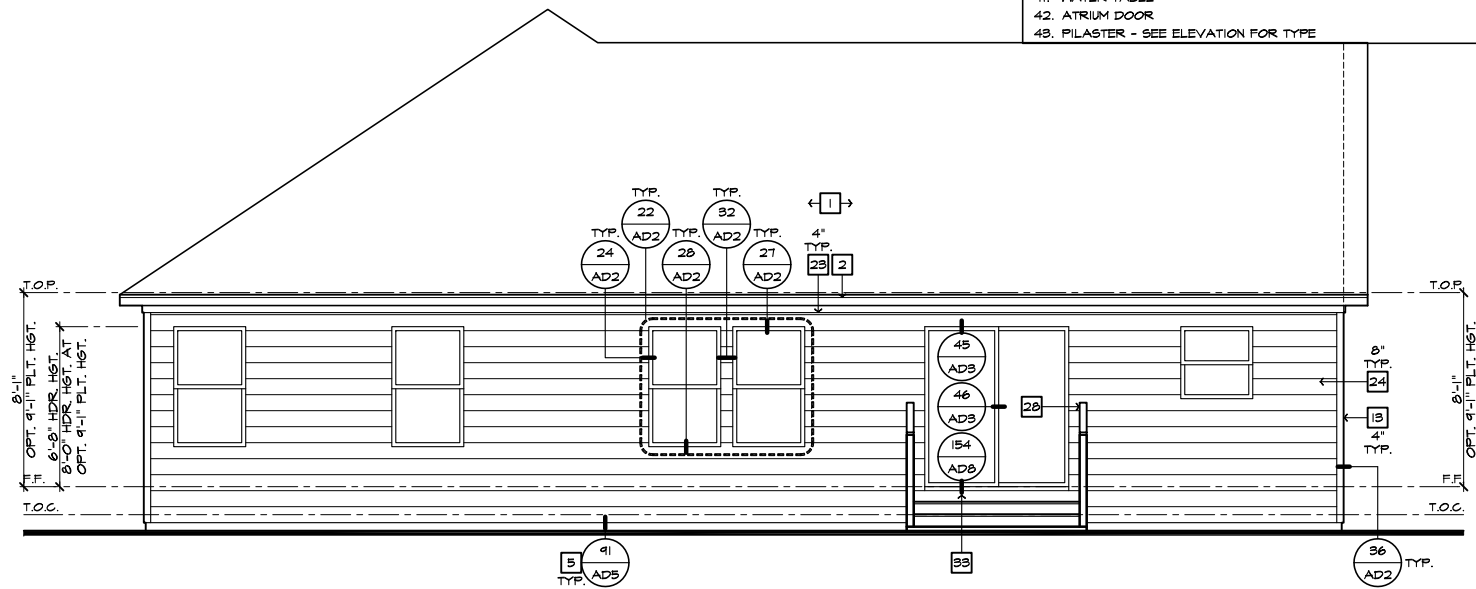
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RIGHT ELEVATION 'D' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



REAR ELEVATION 'D' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



LEFT ELEVATION 'D' AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6.1. FLASHING
 4. 6.1. FLASHING & SADDLE/CRICKET
 5. 6.1. DRIP SCREED
 6. 24"x24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
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 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE



**NORTH CAROLINA
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KB HOME
NORTH CAROLINA DIVISION

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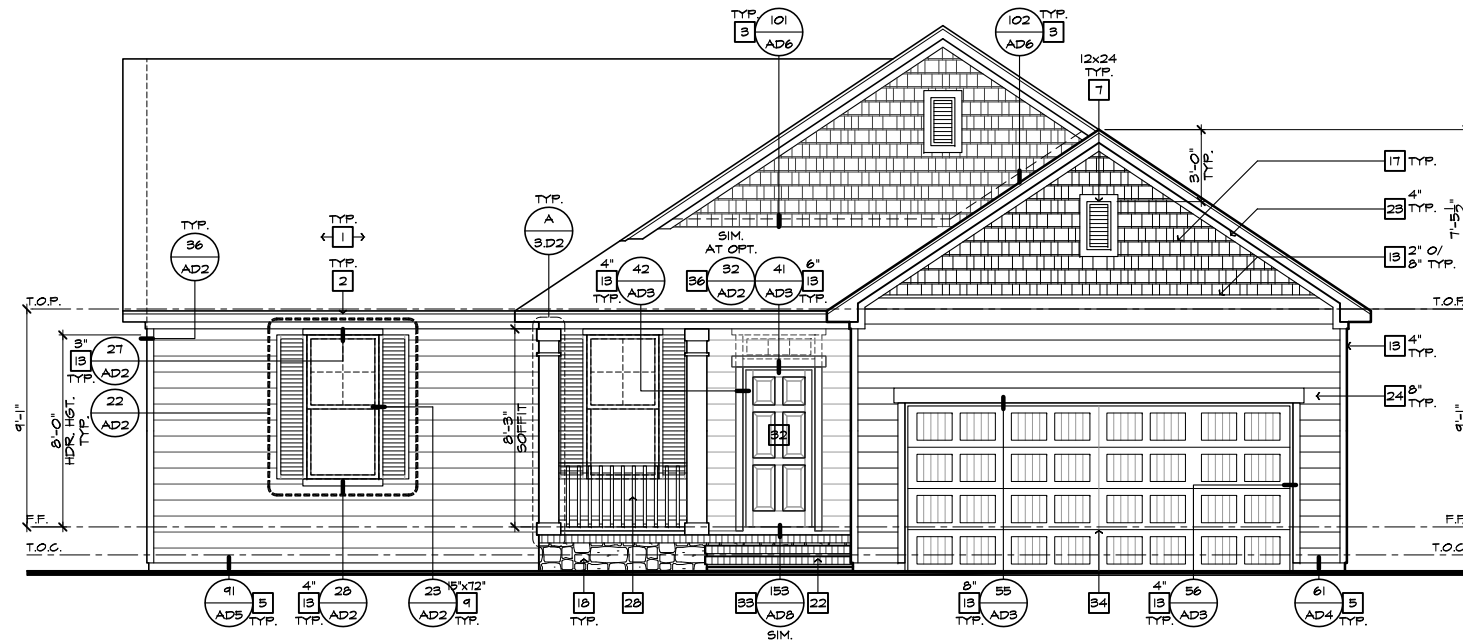
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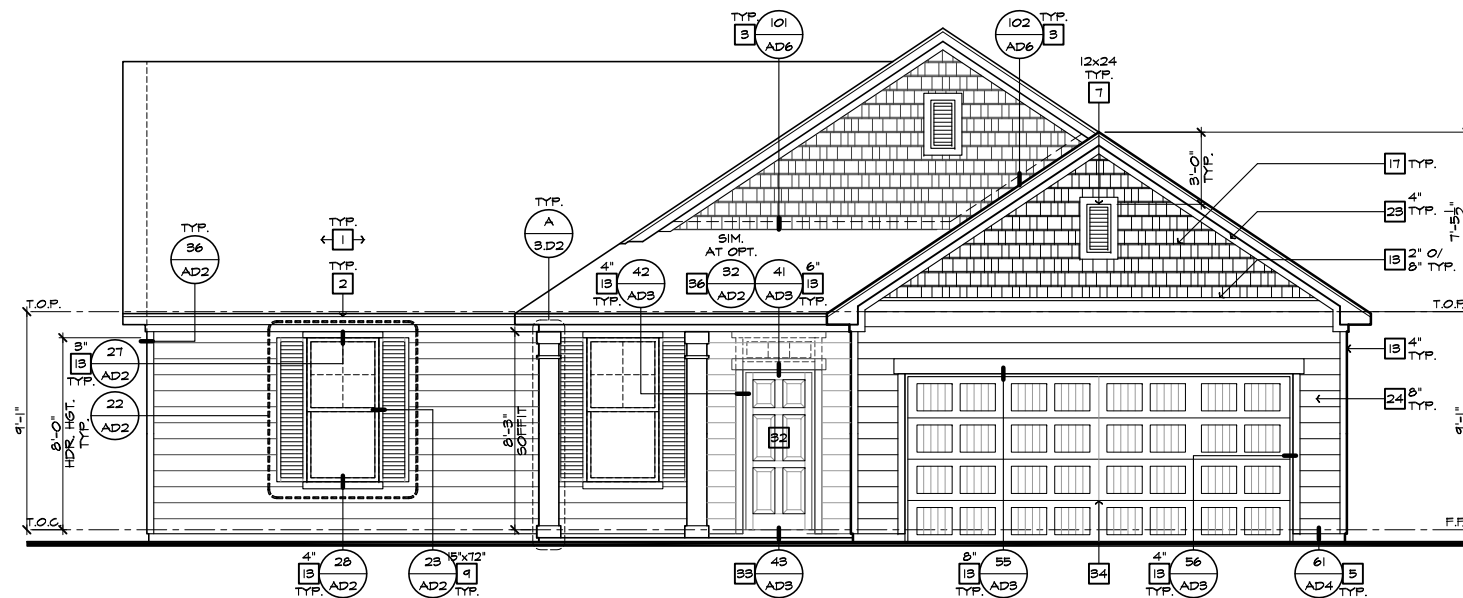
SPEC. LEVEL 1
RALEIGH-DURHAM
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FRONT ELEVATION 'D' W/ CRAWL SPACE
AT OPTIONAL 9'-1" PLT. HGT.

SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17")



FRONT ELEVATION 'D'
AT OPTIONAL 9'-1" PLT. HGT.

SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	WRAP
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32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
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37.	OPTIONAL STANDING SEAM METAL ROOF
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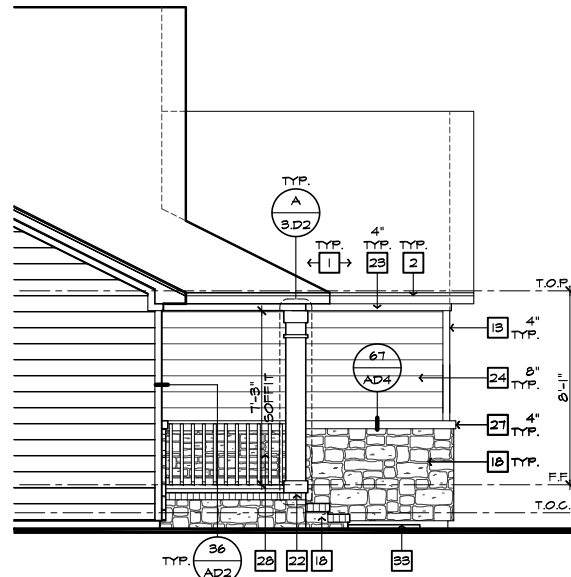
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SHEET:
3.D6

**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**

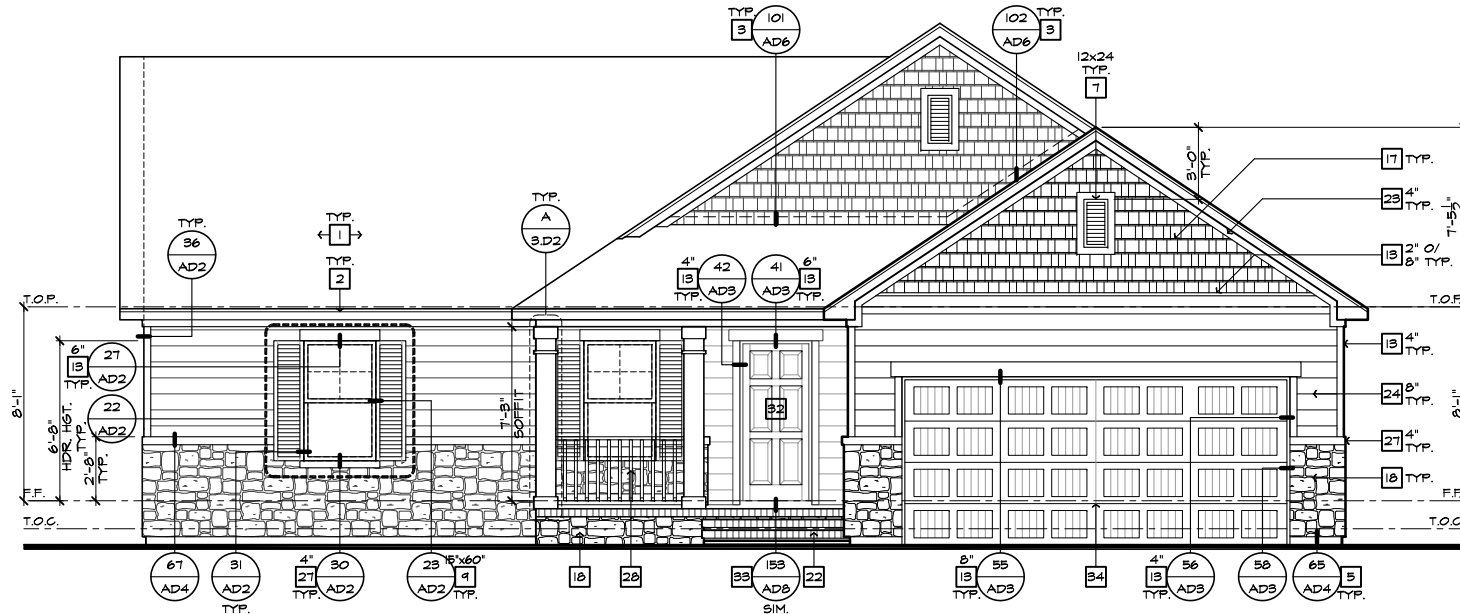
NOTE:
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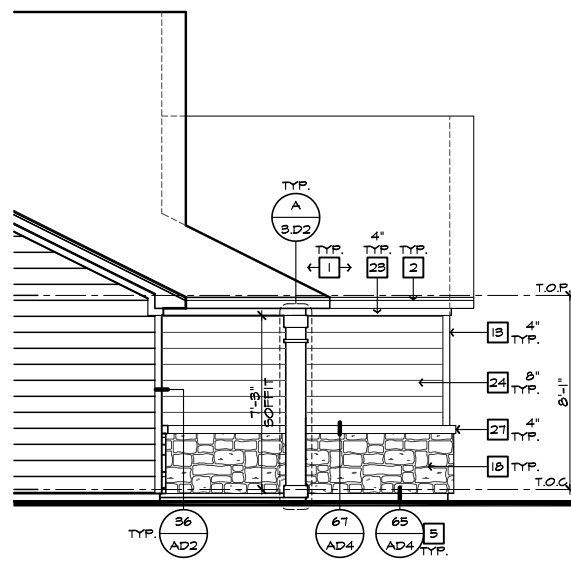
PARTIAL LEFT ELEVATION 'D' W/ STONE AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



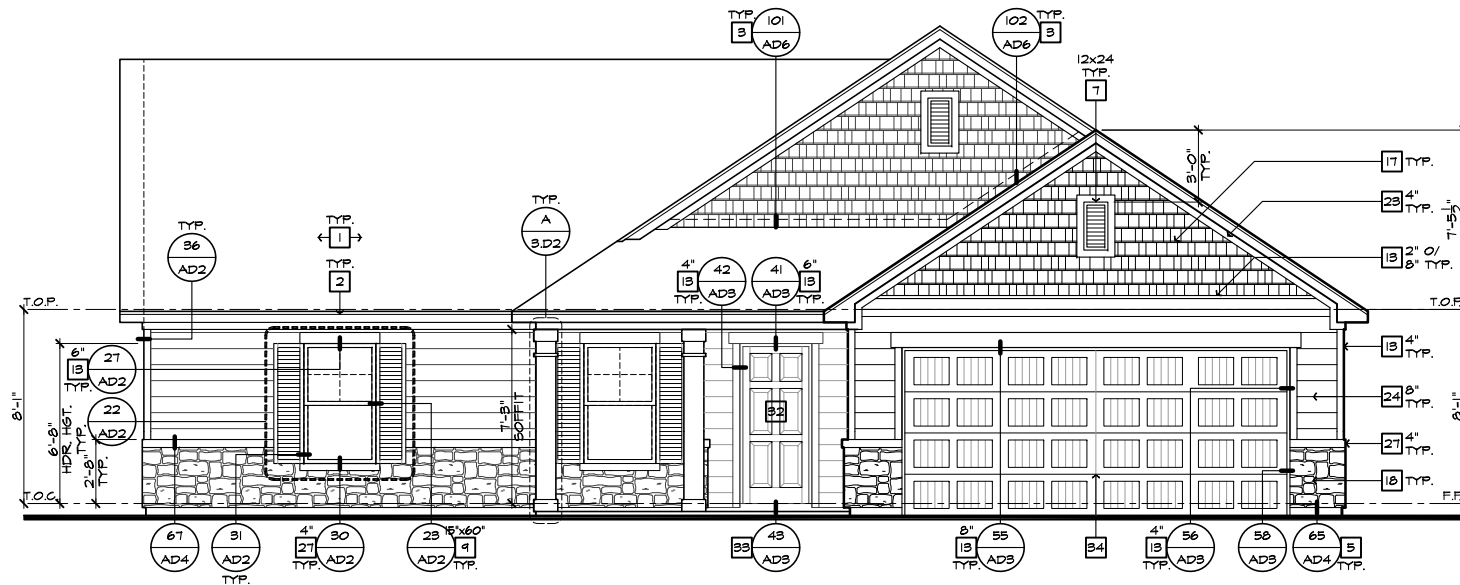
FRONT ELEVATION 'D' W/ STONE AT CRAWL SPACE

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION 'D' W/ STONE OPTION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



FRONT ELEVATION 'D' W/ STONE OPTION

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 5. 6:1 DRIP SCREED
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 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
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 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
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 22. ROWLOCK COURSE
 23. FRIEZE BOARD
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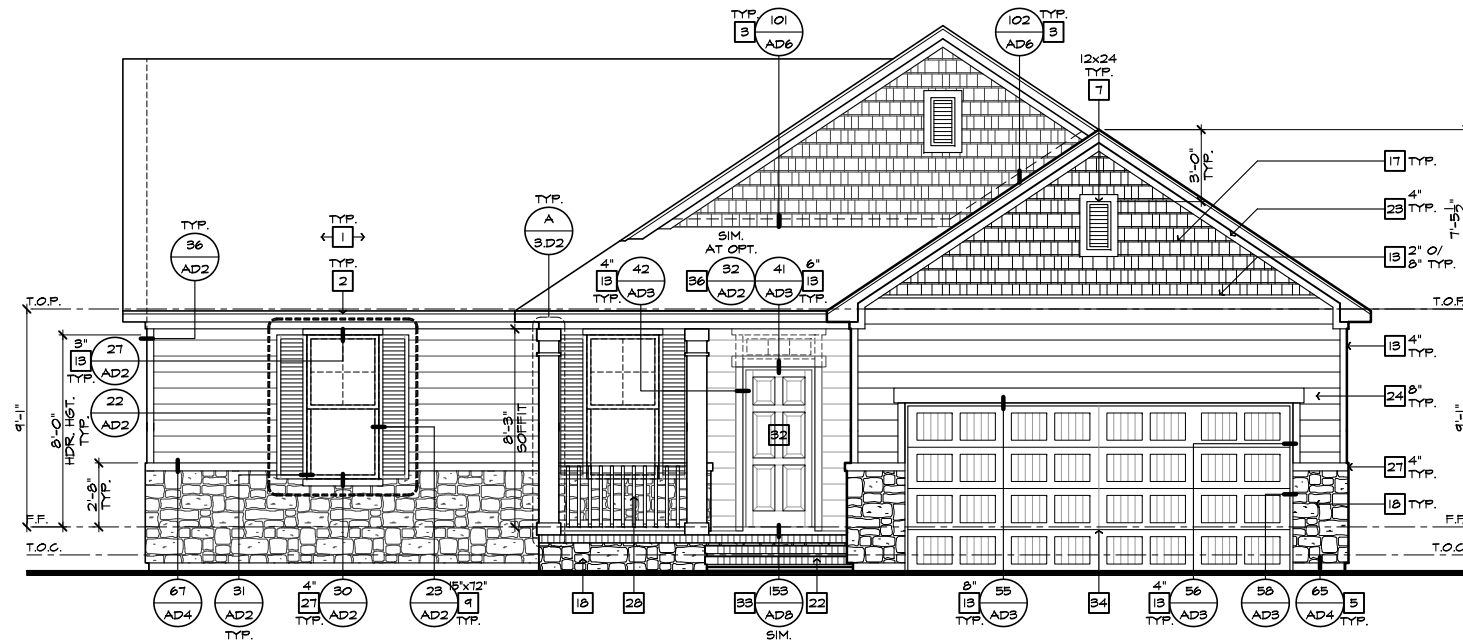
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PLAN:
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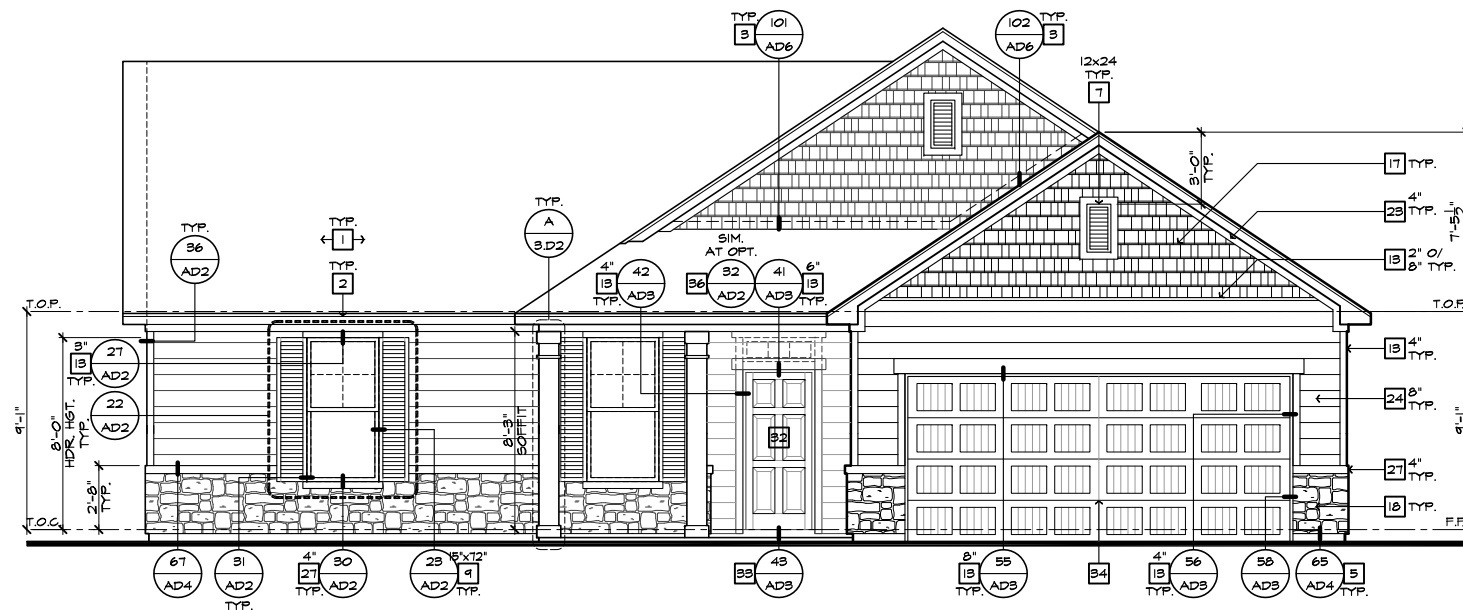
SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES

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FRONT ELEVATION 'D' W/ STONE AT CRAWL SPACE
AT OPTIONAL 9'-1" PLT. HGT.

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PLAN:
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SHEET:
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**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**

NOTE:
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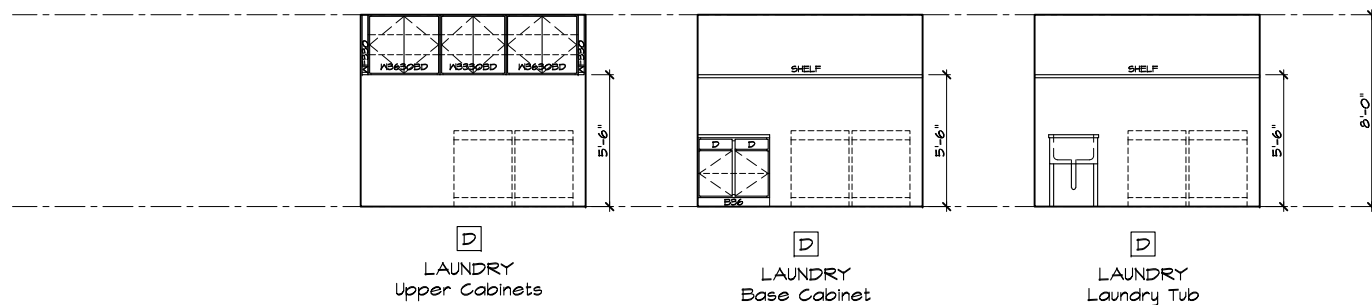
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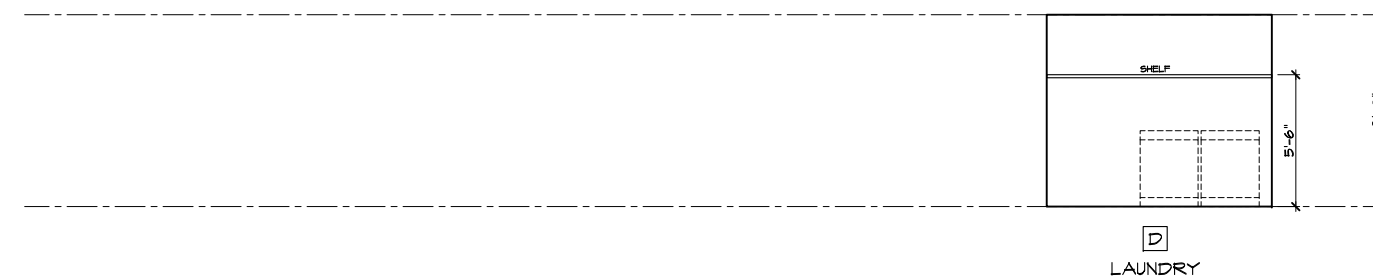
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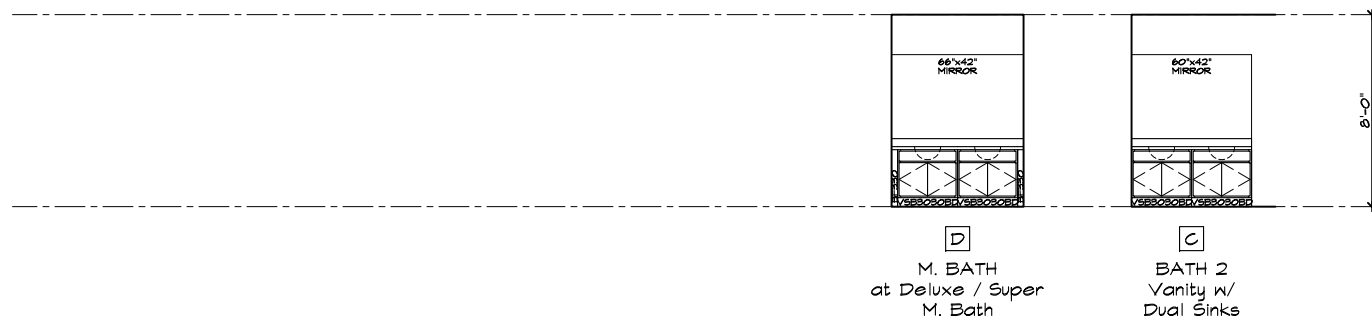
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RALEIGH-DURHAM
50' SERIES**



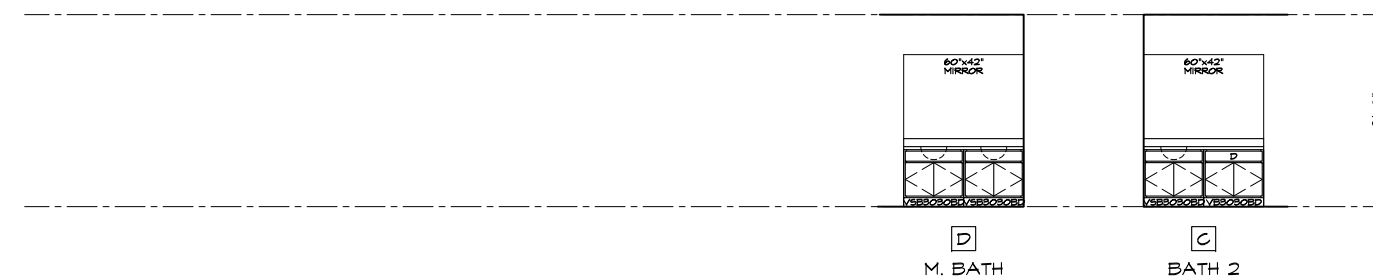
MISCELLANEOUS INTERIOR ELEVATIONS



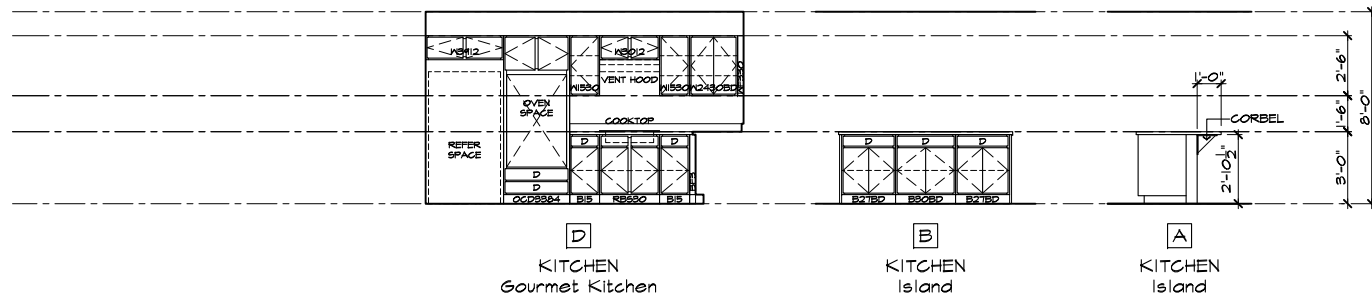
MISCELLANEOUS INTERIOR ELEVATIONS



BATH ELEVATIONS



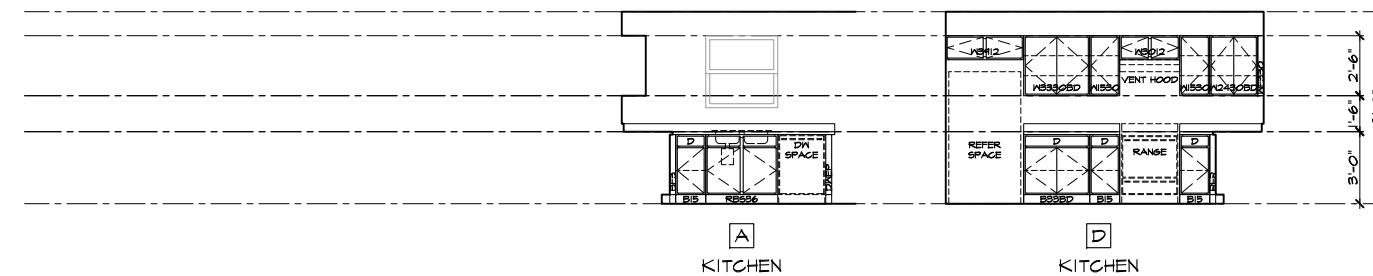
BATH ELEVATIONS



KITCHEN ELEVATIONS

OPTIONAL INTERIOR ELEVATIONS

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

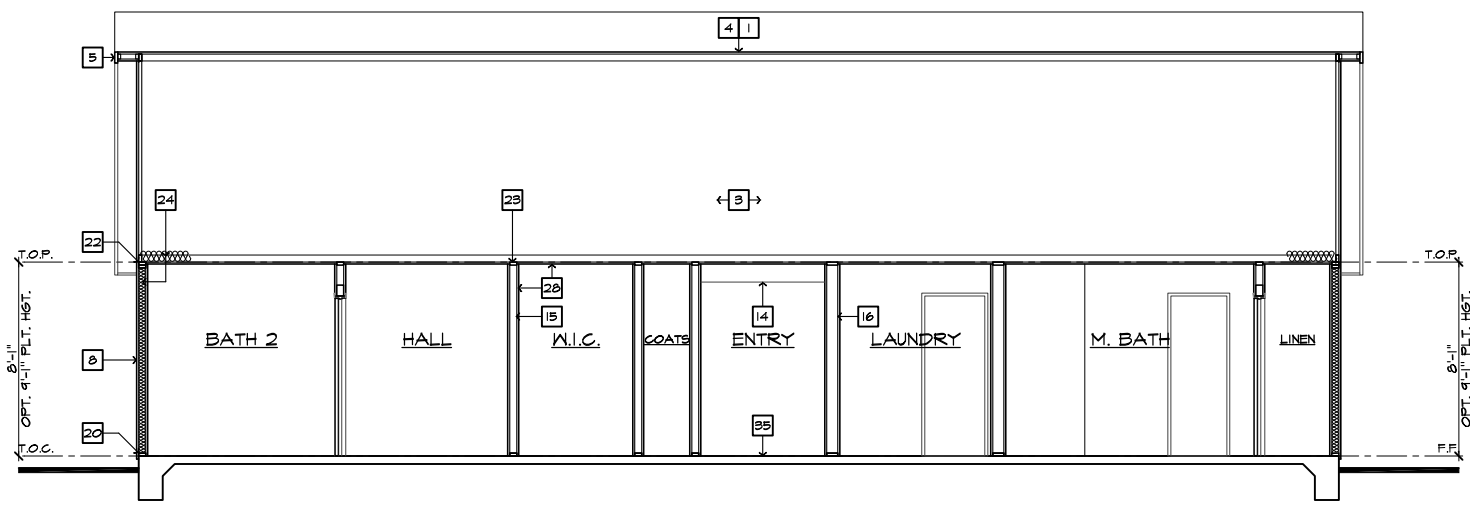


KITCHEN ELEVATIONS

STANDARD INTERIOR ELEVATIONS

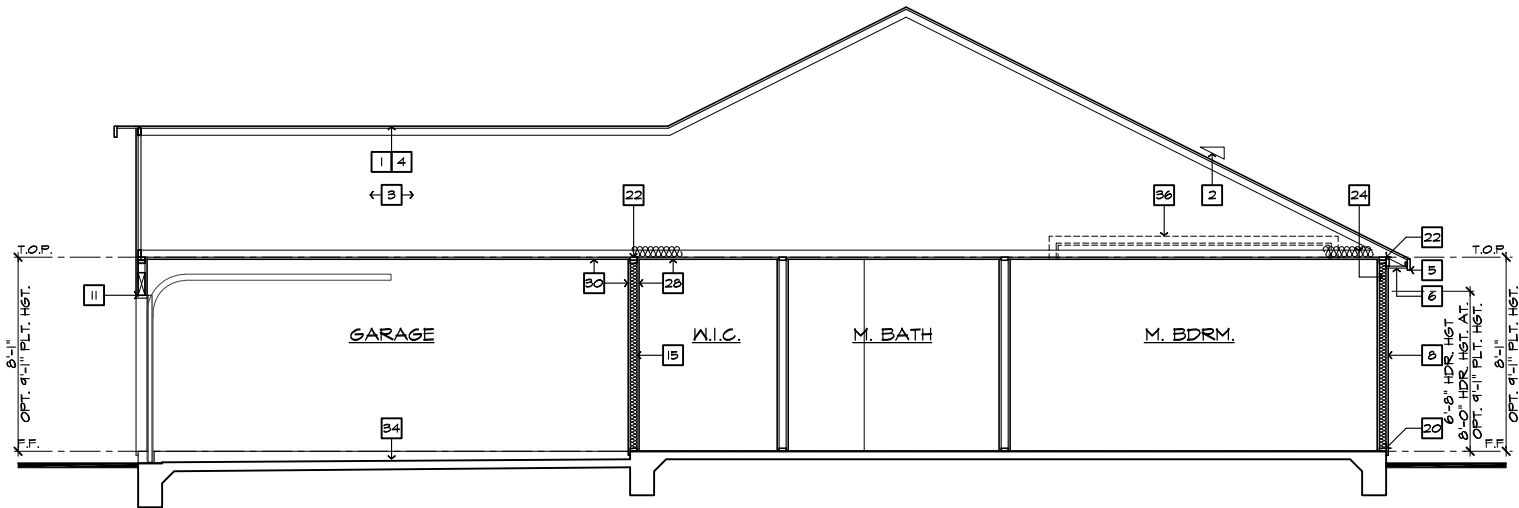
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

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SECTION 'A'
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

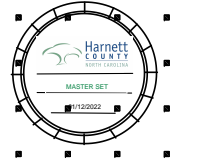
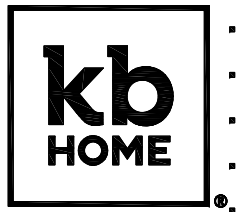
AT SLAB-ON-GRADE



SECTION 'B'
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

AT SLAB-ON-GRADE

- # SECTION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. ROOF PITCH - REFER TO ROOF NOTES
 3. PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEM - SEE STRUCTURAL & TRUSS CALCS
 4. ROOF SHEATHING PER STRUCTURAL
 5. 2x FASCIA/BARGE BOARD
 6. CONT. SOFFITED EAVE W/ VENTING
 7. G.I. FLASHING - ROOF TO WALL
 8. EXTERIOR FINISH PER ELEVATIONS
 9. FLOOR FRAMING PER STRUCTURAL
 10. FLOOR SHEATHING PER STRUCTURAL
 11. HEADER PER STRUCTURAL
 12. FLUSH BEAM PER STRUCTURAL
 13. DROPPED BEAM PER STRUCTURAL
 14. FLAT/ ARCHED SOFFIT PER PLAN
 15. 2x4 STUD WALL
 16. 2x6 STUD WALL
 17. 2x6 BALLOON FRAMED WALL PER STRUCTURAL
 18. DBL. 2x4 WALL PER PLAN
 19. 2x CRIPPLES @ 16" O.C.
 20. 2x PRESSURE TREATED SILL PLATE
 21. 2x SOLE PLATE
 22. DBL. 2x TOP PLATE @ EXTERIOR & BEARING WALLS
 23. 1x OVER 2x TOP PLATE @ INTERIOR & NON-BEARING WALLS
 24. INSULATION MATERIAL PER ENERGY CALCULATIONS
 25. MIN. 36" HIGH GUARD - SEE PLAN FOR HEIGHT
 26. LOW MALL - SEE PLAN FOR HEIGHT
 27. STAIR TREADS AND RISERS PER PLAN; - MIN. 10" TREAD & MAX. 7 3/4" RISER
 28. INTERIOR FINISH; - MIN. 1/2" GYP. BD. @ WALLS & SAG RESISTANT OR 5/8" DRYWALL @ CEILING
 29. MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USEABLE SPACE UNDER STAIRS.
 30. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.
 31. MATERIAL TO UNDERSIDE OF ROOF SHEATHING
 32. INTERIOR SHELF - MIN. 1/2" GYP. BD. OVER 3/8" PLY WD.
 33. CONCRETE PATIO/ PORCH SLAB PER STRUCTURAL - SLOPE 1/4" PER FT. MIN.
 34. CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 2" MIN.
 35. CONCRETE FOUNDATION PER STRUCTURAL
 36. LINE OF OPTIONAL TRAY CEILING/ STEP CEILING
 37. LINE OF OPTIONAL VOLUME CEILING
 38. PROFILE OF OPTIONAL COVERED PATIO
 39. EXTERIOR SOFFIT MATERIAL - REFER TO ELEVATIONS.
 40. 8" BLOCK WALL
 41. 5/8" TYPE-X DRYWALL @ GARAGE CEILING
 42. WHEN THERE IS USABLE SPACE ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR-CEILING ASSEMBLY IN A SINGLE-FAMILY DWELLING, DRAFT STOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1000 SQUARE FEET. DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS.



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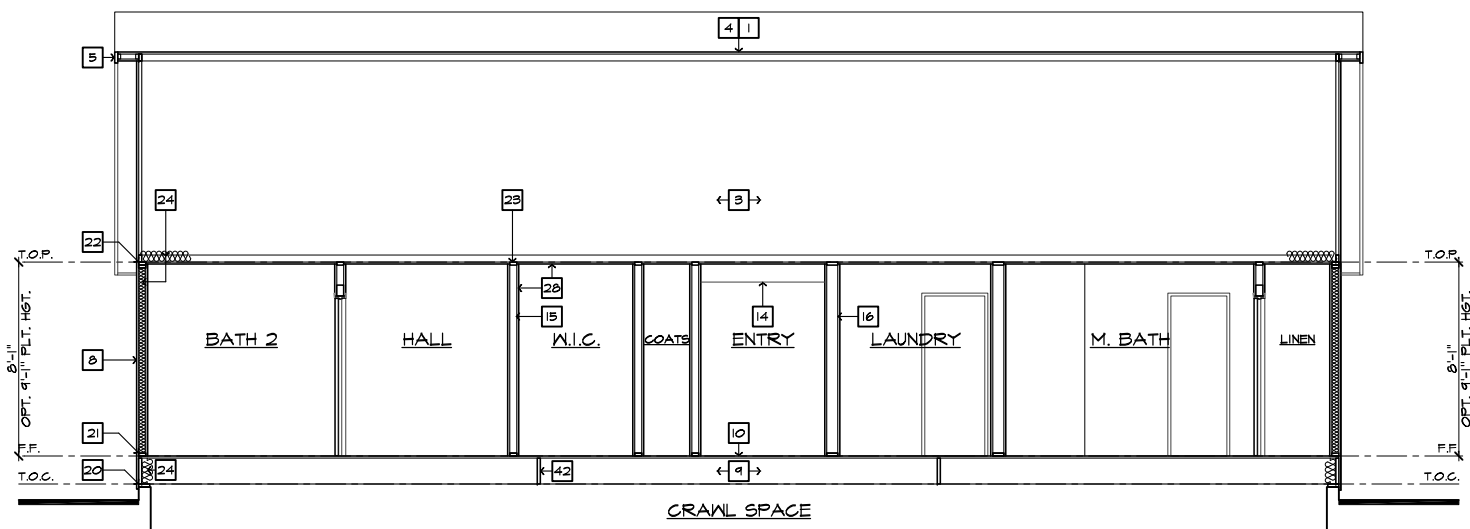
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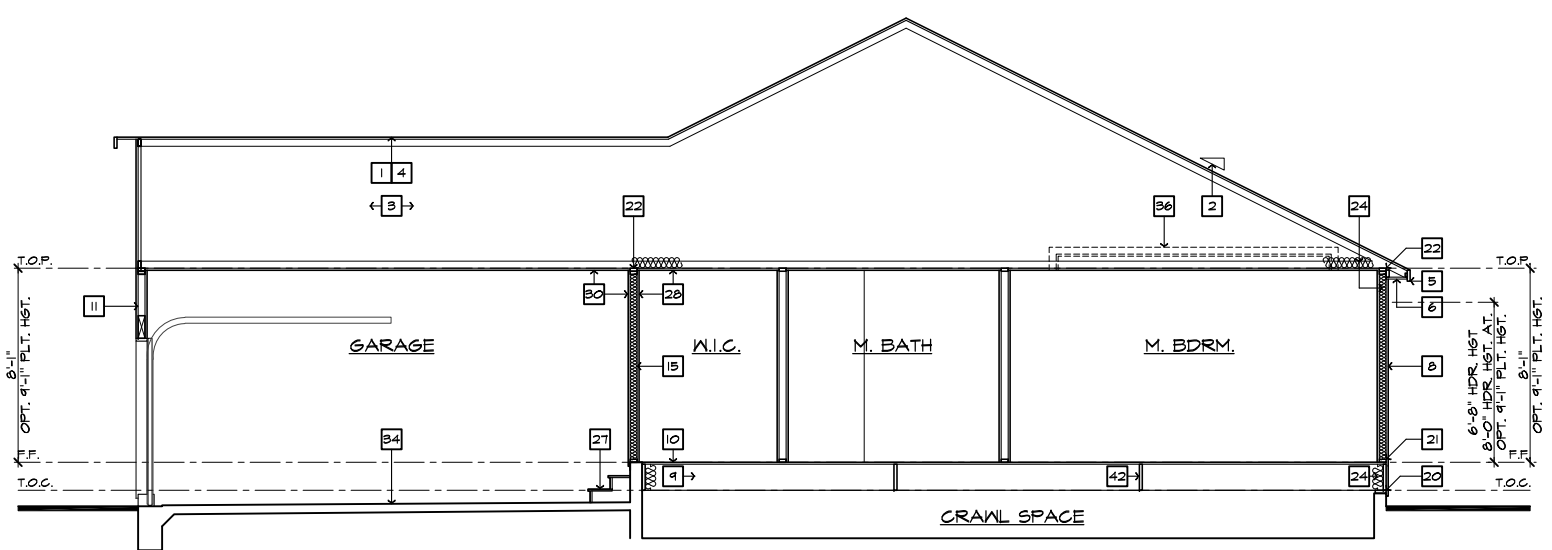
**SPEC. LEVEL 1
RALEIGH-DURHAM
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SECTION 'A'
SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

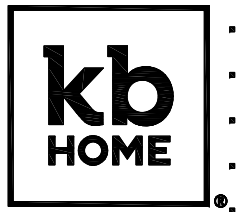
AT CRAWL SPACE



SECTION 'B'
SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

AT CRAWL SPACE

- # SECTION NOTES**
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 26. LOW WALL - SEE PLAN FOR HEIGHT
 27. STAIR TREADS AND RISERS PER PLAN; - MIN. 10" TREAD & MAX. 7 3/4" RISER
 28. INTERIOR FINISH; - MIN. 1/2" GYP. BD. @ WALLS & SAG RESISTANT OR 5/8" DRYWALL @ CEILING
 29. MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USEABLE SPACE UNDER STAIRS.
 30. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.
 31. MATERIAL TO UNDERSIDE OF ROOF SHEATHING
 32. INTERIOR SHELF - MIN. 1/2" GYP. BD. OVER 3/8" PLY WD.
 33. CONCRETE PATIO/ PORCH SLAB PER STRUCTURAL - SLOPE 1/4" PER FT. MIN.
 34. CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 2" MIN.
 35. CONCRETE FOUNDATION PER STRUCTURAL
 36. LINE OF OPTIONAL TRAY CEILING/ STEP CEILING
 37. LINE OF OPTIONAL VOLUME CEILING
 38. PROFILE OF OPTIONAL COVERED PATIO
 39. EXTERIOR SOFFIT MATERIAL - REFER TO ELEVATIONS.
 40. 8" BLOCK WALL
 41. 5/8" TYPE-X DRYWALL @ GARAGE CEILING
 42. WHEN THERE IS USABLE SPACE ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR-CEILING ASSEMBLY IN A SINGLE-FAMILY DWELLING, DRAFT STOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1000 SQUARE FEET. DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS.



NORTH CAROLINA 50' SERIES

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NORTH CAROLINA DIVISION

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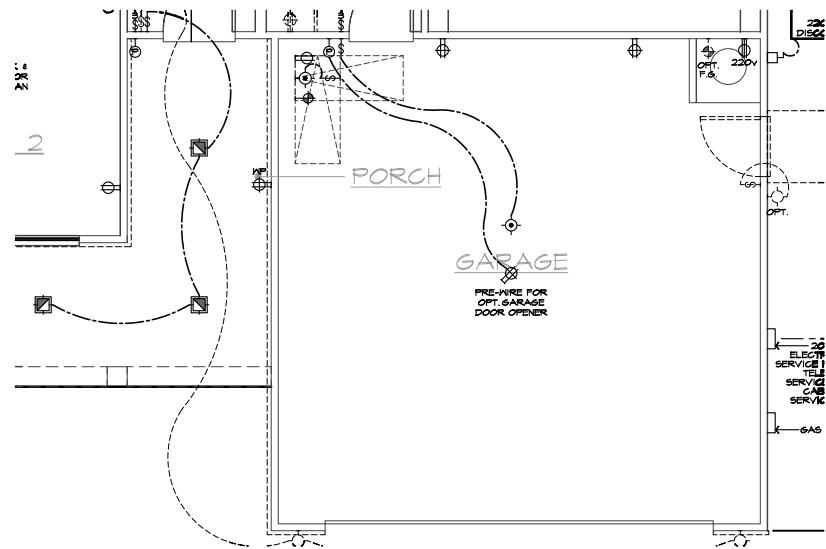
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PLAN:
150.1773-R
SHEET:
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**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**

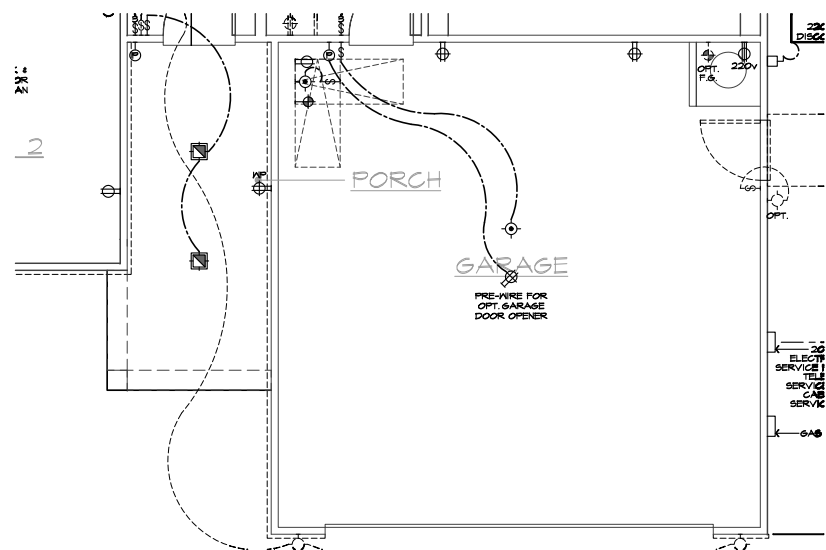
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PARTIAL UTILITY PLAN 'D'

SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

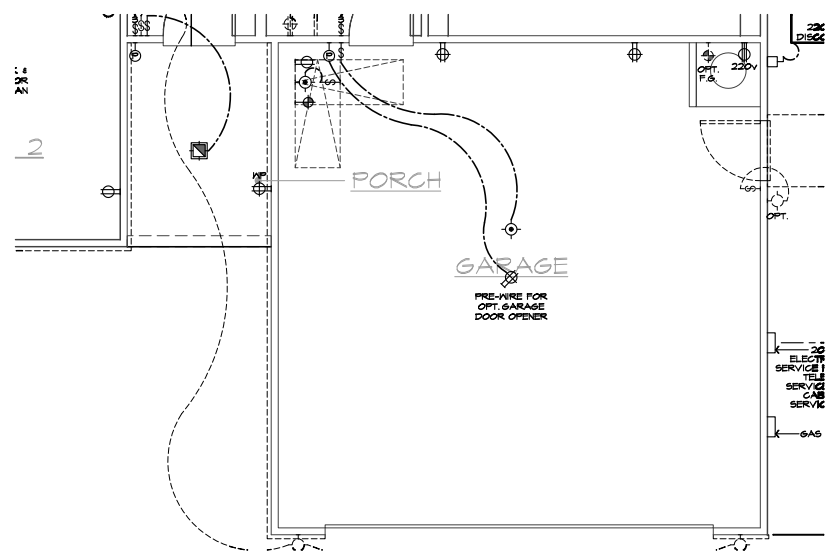
BASIC PLAN



PARTIAL UTILITY PLAN 'C'

SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

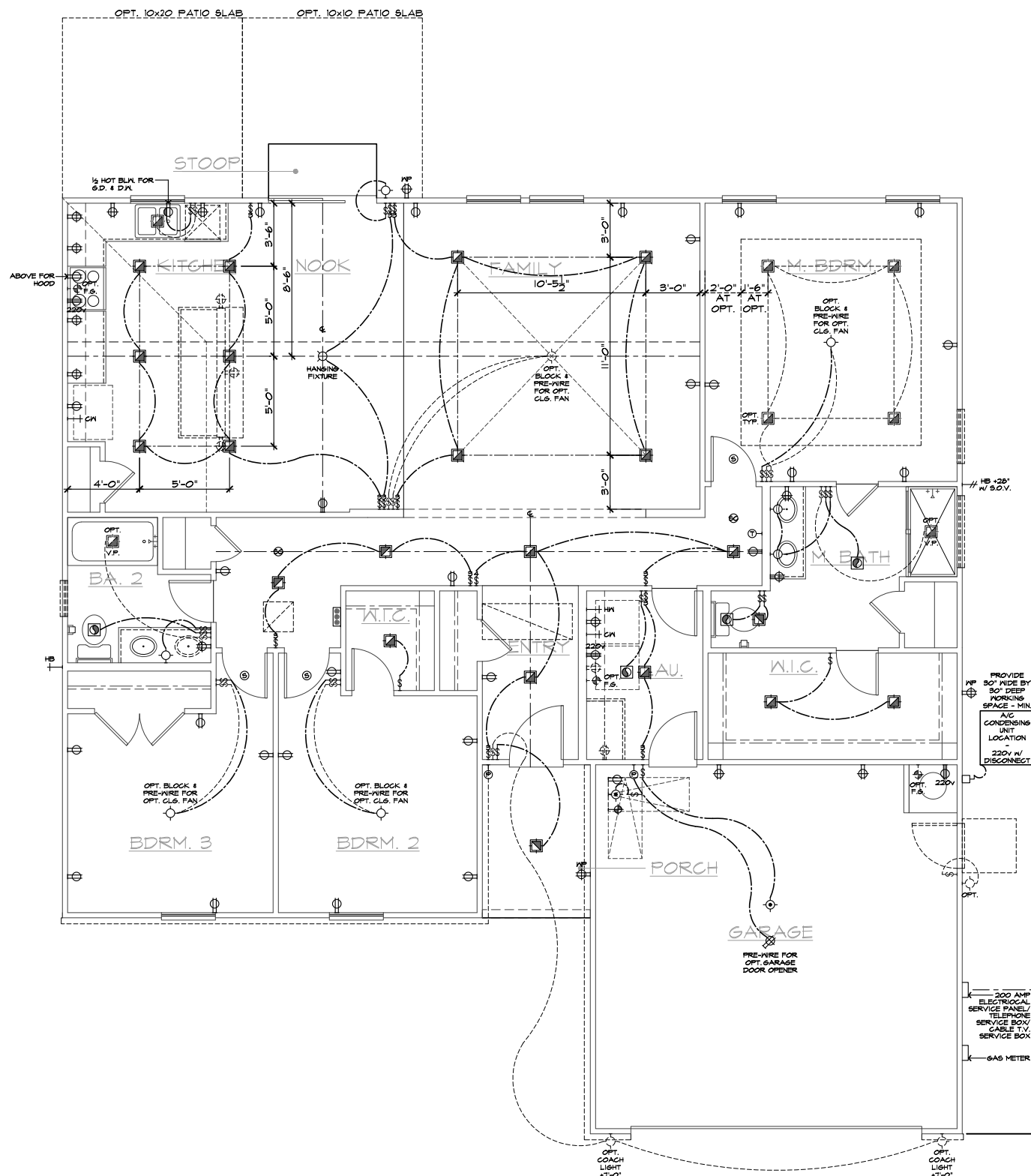
BASIC PLAN



PARTIAL UTILITY PLAN 'B'

SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

BASIC PLAN



UTILITY PLAN

SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

BASIC PLAN

UTILITY LEGEND

- ⊕ 120V DUPLEX CONVENIENCE RECEPTACLE ARC FAULT (AFCI) AND TAMPER RESISTANT (TR) 12" ABV. FIN. FLR. TYPICAL U.N.O.
- ⊕ 120V (TR) RECEPTACLE W/ GFI CIRCUIT W/ WATER RESISTANT HOUSING
- ⊕ 120V (TR) RECEPTACLE W/ GFI CIRCUIT
- ⊕ FUSED DISCONNECT
- ⊕ 120V (AFCI & TR) RECESSED FLOOR RECEPTACLE W/ COVER
- ⊕ 120V (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT
- ⊕ 220V SINGLE CONVENIENCE RECEPTACLE HEIGHT NOTED AS PER PLAN
- ⊕ TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR. 8" ABOVE COUNTER U.N.O.
- ⊕ 3 THREE-POLE LIGHT SWITCH
- ⊕ 4 FOUR-POLE LIGHT SWITCH
- ⊕ W.P. WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING
- ⊕ WALL MOUNTED INCANDESCENT LIGHT FIXTURE
- ⊕ WALL MOUNTED FLUORESCENT LIGHT FIXTURE
- ⊕ CEILING MOUNTED INCANDESCENT LIGHT FIXTURE
- ⊕ CEILING MOUNTED FLUORESCENT LIGHT FIXTURE
- ⊕ HANGING INCANDESCENT LIGHT FIXTURE
- ⊕ RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)
- ⊕ RECESSED INCANDESCENT LIGHT FIXTURE
- ⊕ LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS
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- ⊕ RECESSED FLUORESCENT LIGHT FIXTURE
- ⊕ RECESSED EXHAUST FAN
- ⊕ RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION
- ⊕ RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION
- ⊕ INCANDESCENT WALL SCONCE
- ⊕ ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET
- ⊕ 24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)
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- ⊕ APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.
- ⊕ THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)
- ⊕ GAS TAP
- ⊕ GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET
- ⊕ SWITCHING FOR ROOMS W/ CLG. FAN OPTIONS
- ⊕ 24" MIN. SEPARATION OF ELECTRICAL BOXES AS SHOWN BELOW
- ⊕ DWELLING

200 AMP ELECTRICAL SERVICE PANEL/ TELEPHONE SERVICE BOX/ CABLE TV SERVICE BOX

PROVIDE 30" WIDE BY 30" DEEP WORKING SPACE - MIN.

A/C CONDENSING UNIT LOCATION 220V W/ DISCONNECT

200 AMP ELECTRICAL SERVICE PANEL/ TELEPHONE SERVICE BOX/ CABLE TV SERVICE BOX

GAS METER

PRE-WIRE FOR OPT. GARAGE DOOR OPENER

SWITCHING FOR ROOMS W/ CLG. FAN OPTIONS

24" MIN. SEPARATION OF ELECTRICAL BOXES AS SHOWN BELOW

LIGHT / FAN 1/2 HOT

LIGHT / FAN 1/2 HOT

SECONDARY MASTER GARAGE

NOTES

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- PROVIDE SWITCH, LIGHT, 120V (AFCI & TR) DUPLEX RECEPTACLE & FUEL GAS STUB OR 220V RECEPTACLE IN ATTIC FOR F.A.U. - PER COMMUNITY SPECIFICATIONS.
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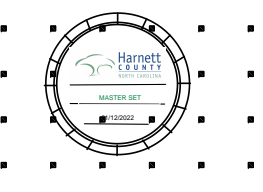
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PLAN: 150.1773-R

SHEET: 5.1

SPEC. LEVEL 1

RALEIGH-DURHAM 50' SERIES



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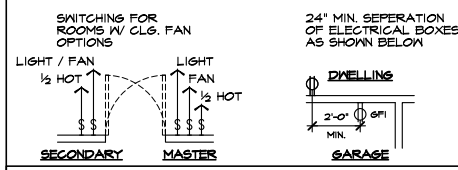


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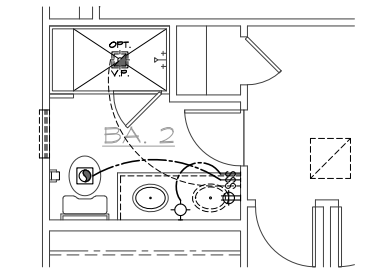
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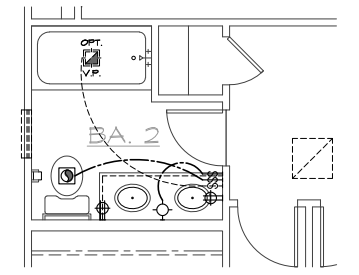


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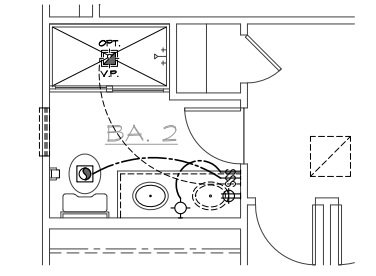
Shower with Seat I.L.O. Tub

AT BATH 2



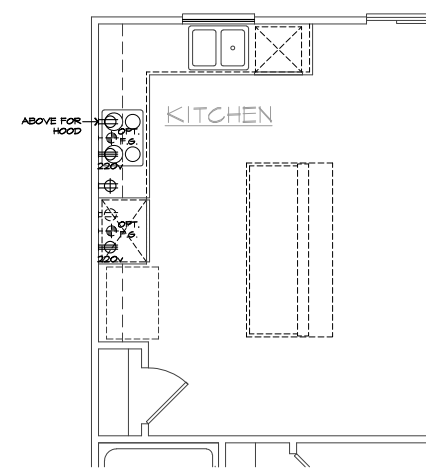
Vanity w/ Dual Sink

AT BATH 2



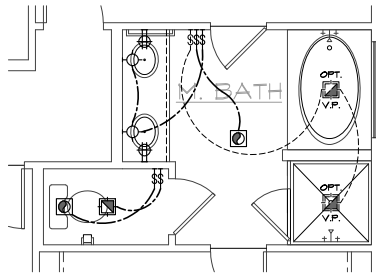
Shower I.L.O. Tub

AT BATH 2



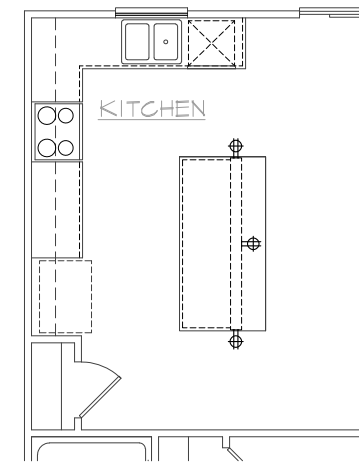
Gourmet Kitchen

AT KITCHEN



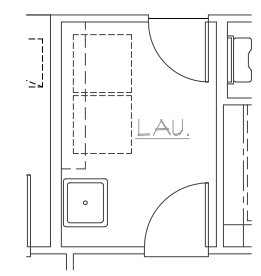
Super M. Bath

AT M. BATH



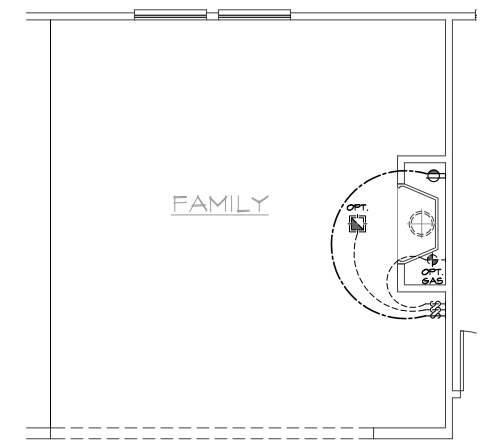
Island

AT KITCHEN



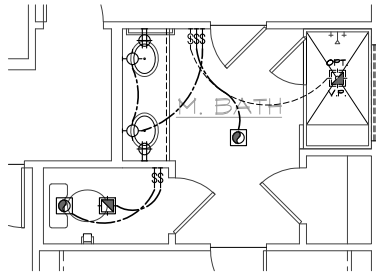
Laundry Tub

AT LAUNDRY



Fireplace

AT FAMILY



Deluxe M. Bath

AT M. BATH

UTILITY PLAN OPTIONS

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



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SHEET: 5.2

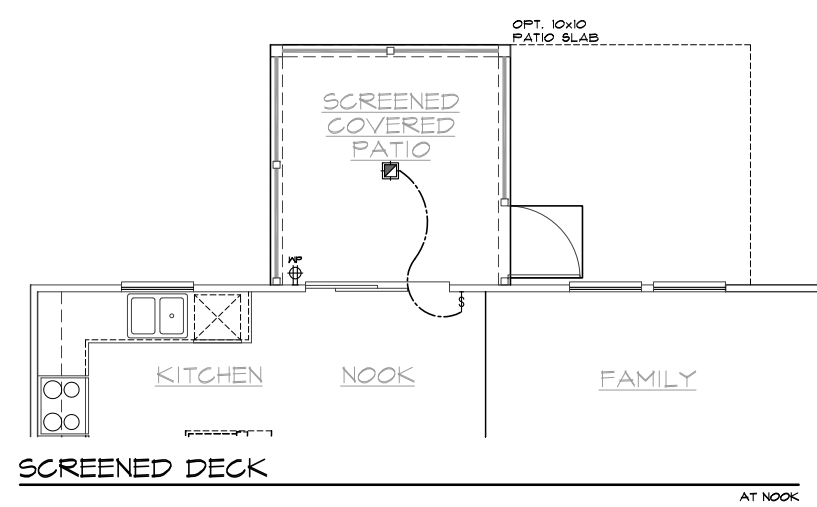
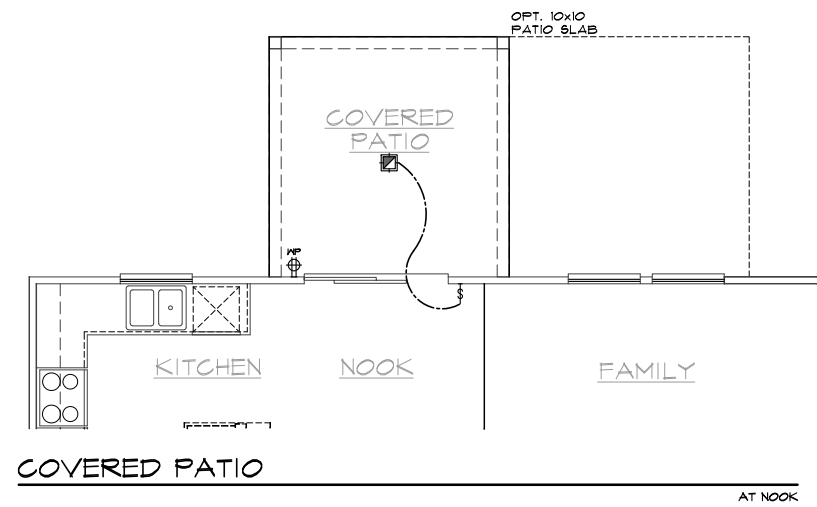
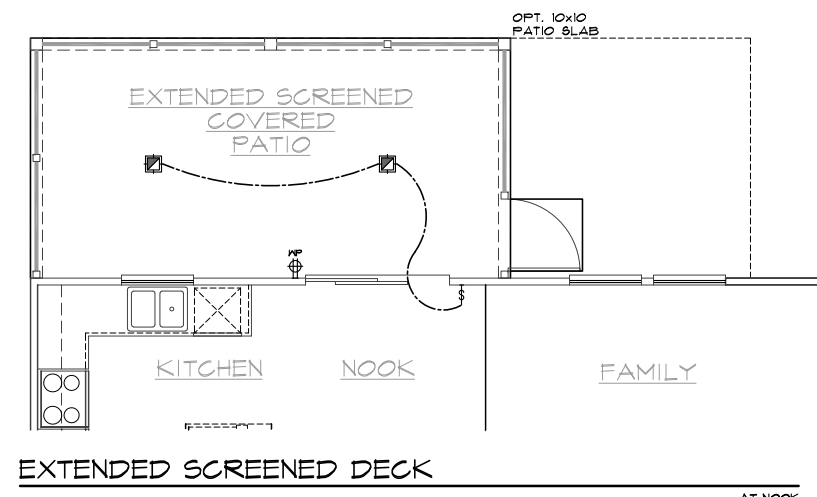
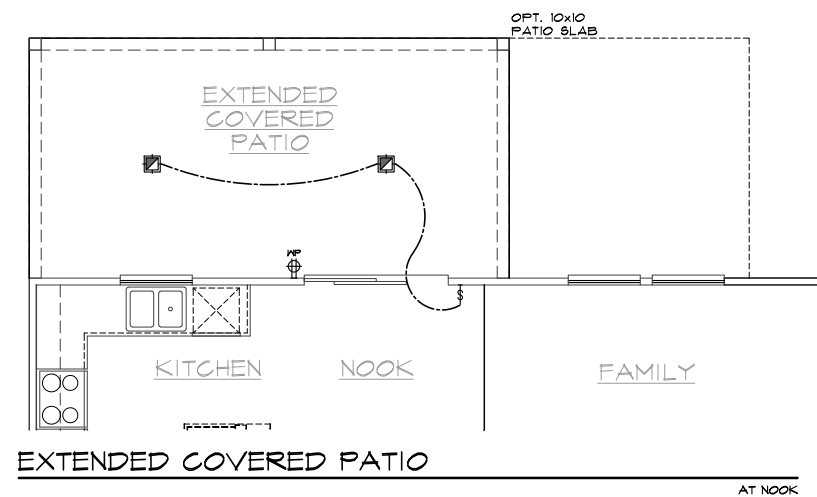
SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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FIRST FLOOR UTILITY PLAN OPTIONS

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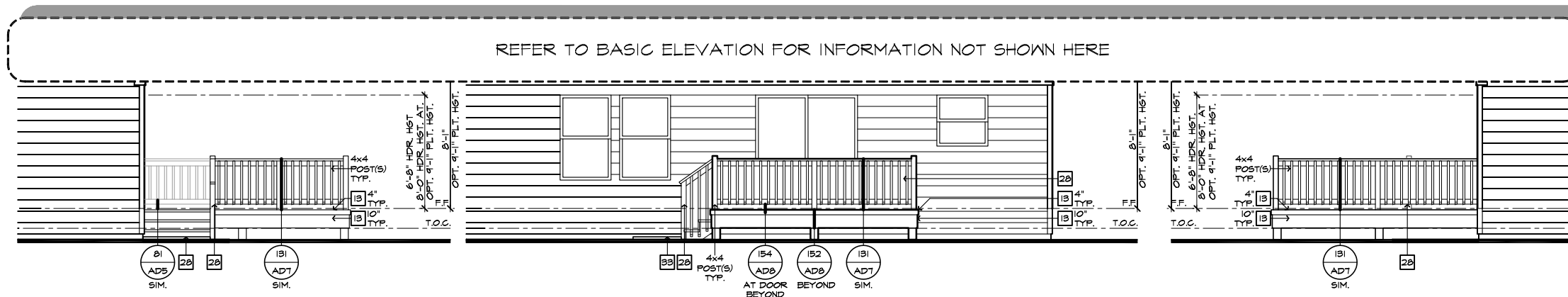
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PLAN:
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SHEET:
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**SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES**

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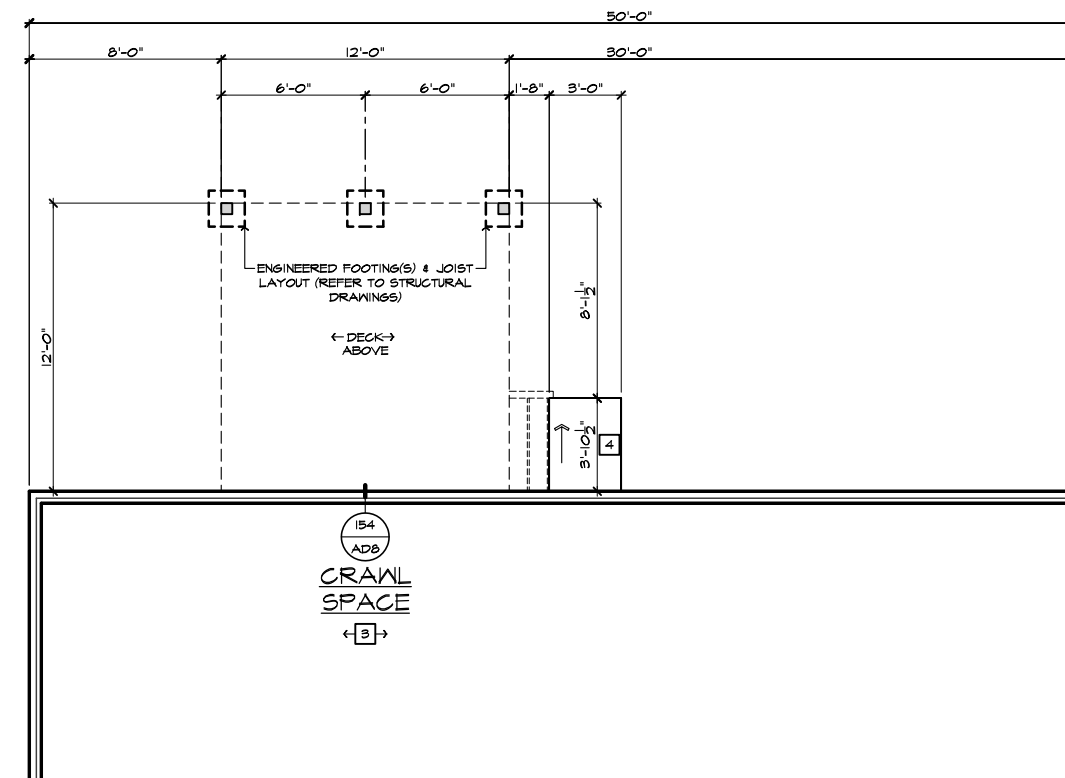
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PARTIAL RIGHT ELEVATION

PARTIAL REAR ELEVATION

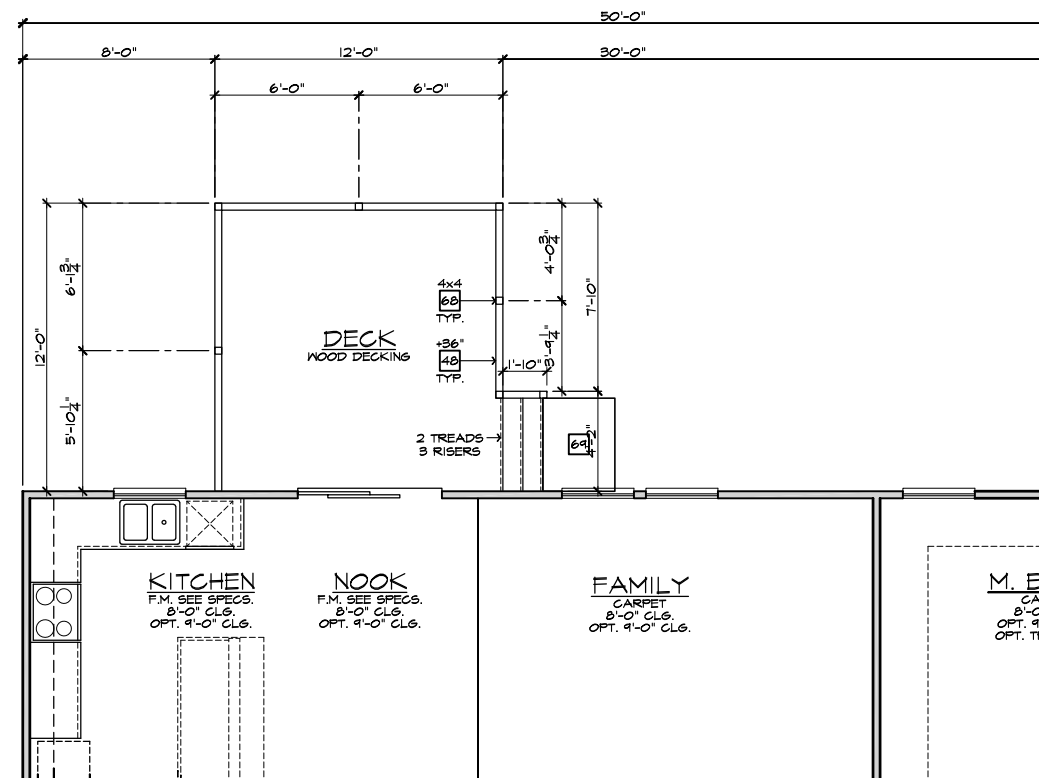
PARTIAL LEFT ELEVATION



PARTIAL CRAWL SPACE PLAN

DECK AT CRAWL SPACE

SCALE 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17")

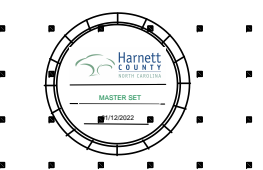


PARTIAL FLOOR PLAN

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6.1. FLASHING
 4. 6.1. FLASHING & SADDLE/CRICKET
 5. 6.1. DRIP SCREED
 6. 24"x24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. RAILLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
 28. WATER HEATER 3" VENT TO OUTSIDE AIR
 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 34. LINE OF WALL BELOW
 41. LINE OF FLOOR ABOVE
 42. LINE OF FLOOR BELOW
 43. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 50. A/C PAD LOCATION
 51. LOW WALL - REFER TO PLAN FOR HEIGHT
 52. 2x6 STUD WALL
 54. DEL. 2x4 WALL PER PLAN
 55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 57. FLAT SOFFIT
 58. ARCHED SOFFIT
 60. OPT. DOOR/WINDOW
 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 62. BRICK / STONE VENEER - REFER TO ELEVATIONS
 63. SECTIONAL GARAGE DOOR PER SPECS
 66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH)
 68. P.T. POST W/ WRAP.
 70. EGRESS WINDOW
 75. WINDOW LEDGE - HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- FOUNDATION PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENINGS.
 3. FOUNDATION PER STRUCTURAL.
 4. STAIR LANDING, 36"x36" MIN.
 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
 6. PROVIDE UNDER FLOOR VENTILATION
 7. 4" TOE KICK FOR MASONRY VENEER.
 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL
 11. 4" MIN. T 3/4" MAX. TO HARD SURFACE.
 12. A/C PAD. VERIFY LOCATION.
 13. CRAWL SPACE ACCESS
 14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



NORTH CAROLINA 50' SERIES

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2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP



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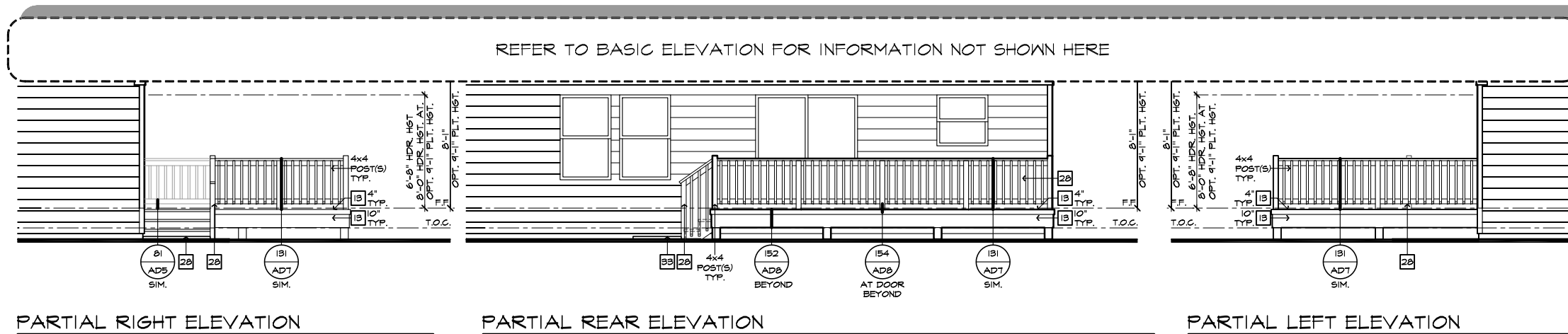
PLAN:
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SHEET:
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SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

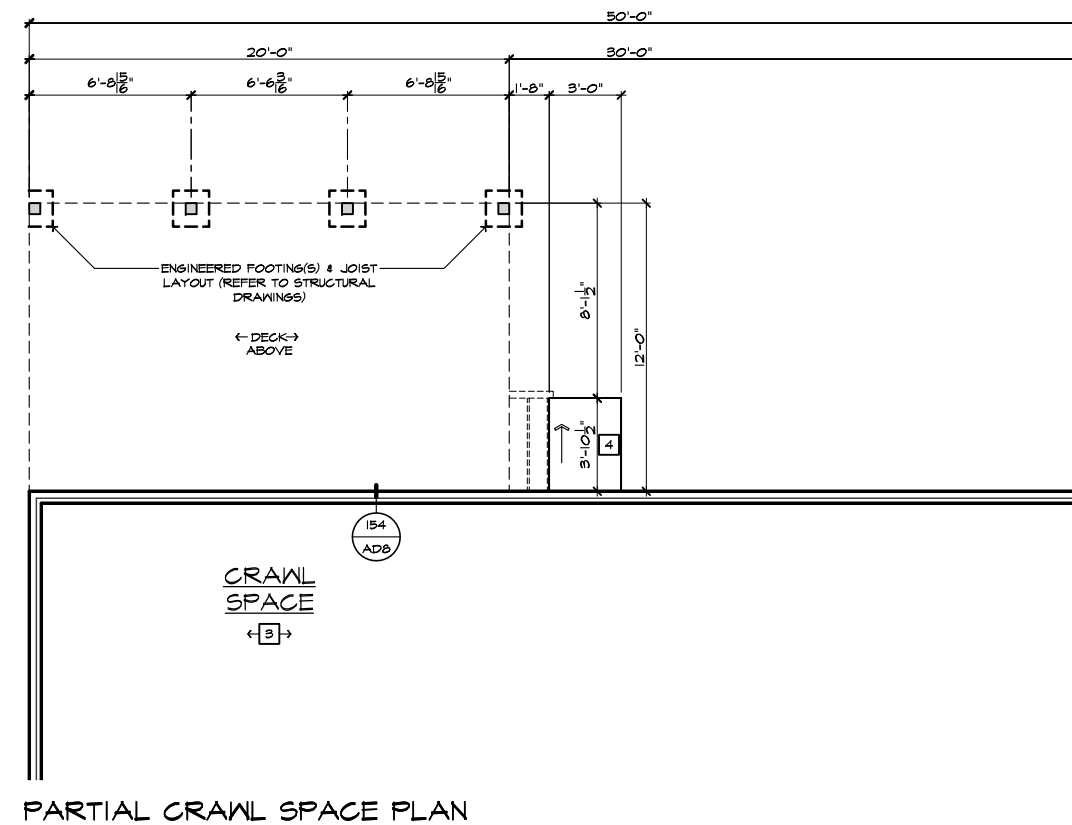
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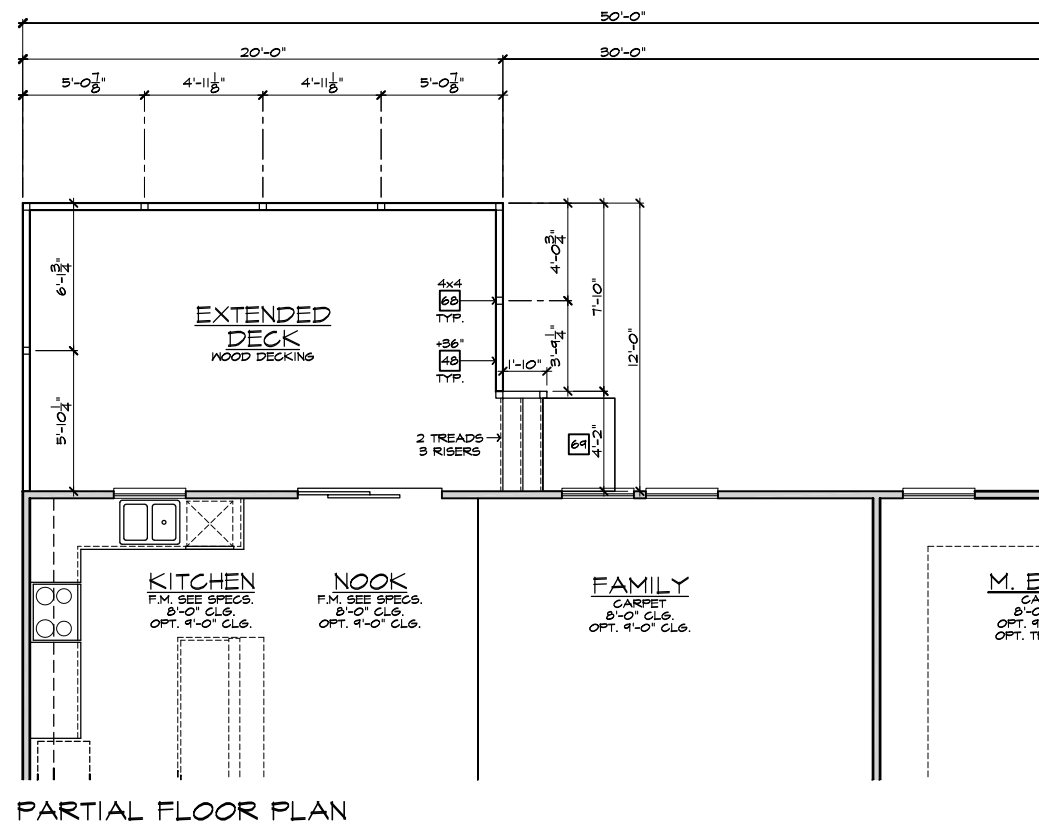
PARTIAL RIGHT ELEVATION

PARTIAL REAR ELEVATION

PARTIAL LEFT ELEVATION



PARTIAL CRAWL SPACE PLAN



PARTIAL FLOOR PLAN

EXTENDED DECK AT CRAWL SPACE

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6.1. FLASHING
 4. 6.1. FLASHING & SADDLE/CRICKET
 5. 6.1. DRIP SCREED
 6. 24"X24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. RAILLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE

- # PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
 28. WATER HEATER VENT TO OUTSIDE AIR
 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 34. LINE OF WALL BELOW
 41. LINE OF FLOOR ABOVE
 43. LINE OF FLOOR BELOW
 48. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 50. A/C PAD LOCATION
 51. LOW WALL - REFER TO PLAN FOR HEIGHT
 52. 2x6 STUD WALL
 54. DEL. 2x4 WALL PER PLAN
 55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 57. FLAT SOFFIT
 58. ARCHED SOFFIT
 60. OPT. DOOR/ WINDOW
 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
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 63. SECTIONAL GARAGE DOOR PER SPECS
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 68. P.T. POST W/ WRAP.
 70. EGRESS WINDOW
 75. WINDOW LEDGE - HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.

- # FOUNDATION PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENINGS.
 3. FOUNDATION PER STRUCTURAL.
 4. STAIR LANDING, 36"x36" MIN.
 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
 6. PROVIDE UNDER FLOOR VENTILATION
 7. 4" TOE KICK FOR MASONRY VENEER.
 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL
 11. 4" MIN. T 3/4" MAX. TO HARD SURFACE.
 12. A/C PAD. VERIFY LOCATION.
 13. CRAWL SPACE ACCESS
 14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



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VENTILATION NC2008NCP/ 01/17/20 /KBA

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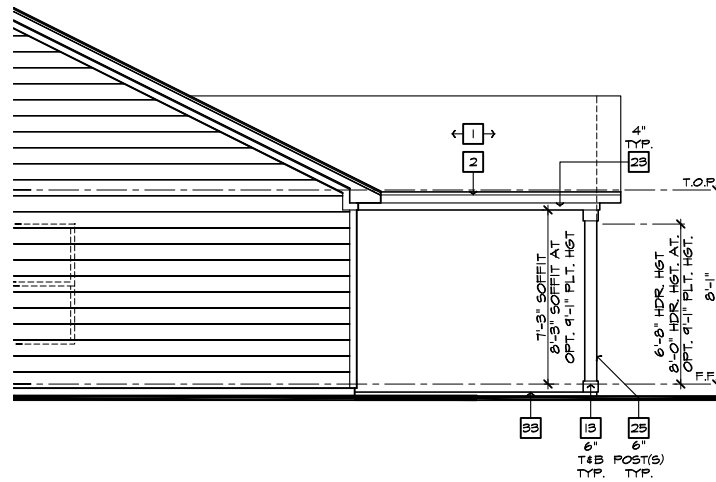
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SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

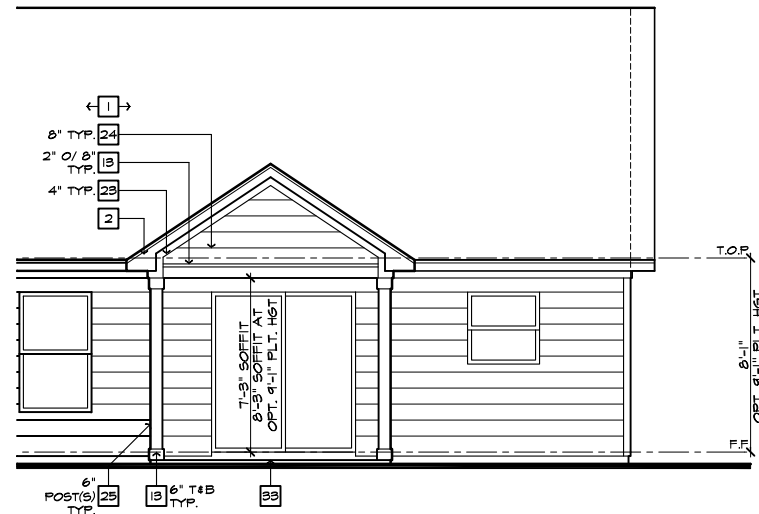
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

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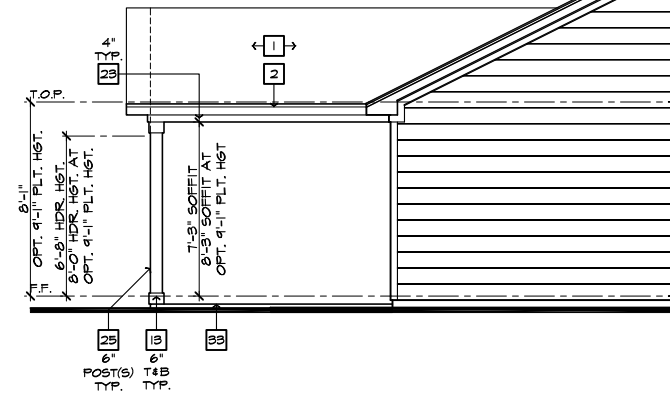
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

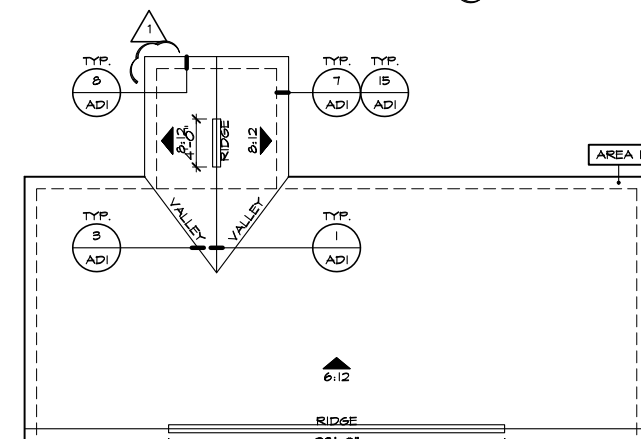
ROOF PLAN NOTES 'A'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS (LOW VENTING) (2018 N.C.-R 806.2) * CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA / MAIN	VENTILATION REQUIRED:	SQ. FT. / 300	TOTAL SQ. FT.
ATTIC AREA = 2348		144	1127 SQ. IN.
	TOTAL HIGH & LOW	50%	564 SQ. IN.
	VENTILATION PROVIDED:		
	High		
35	LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	684 SQ. IN.
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
	SUB-TOTAL HIGH VENTILATION:		684 SQ. IN.
	Low		
45	LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	676 SQ. IN.
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
	TOTAL VENTILATION PROVIDED:		1360 SQ. IN.

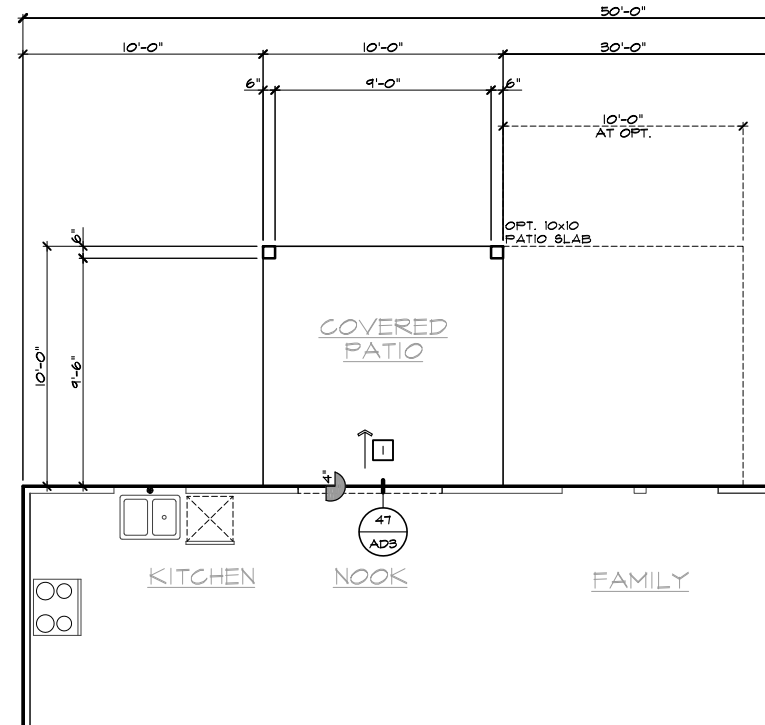


PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")

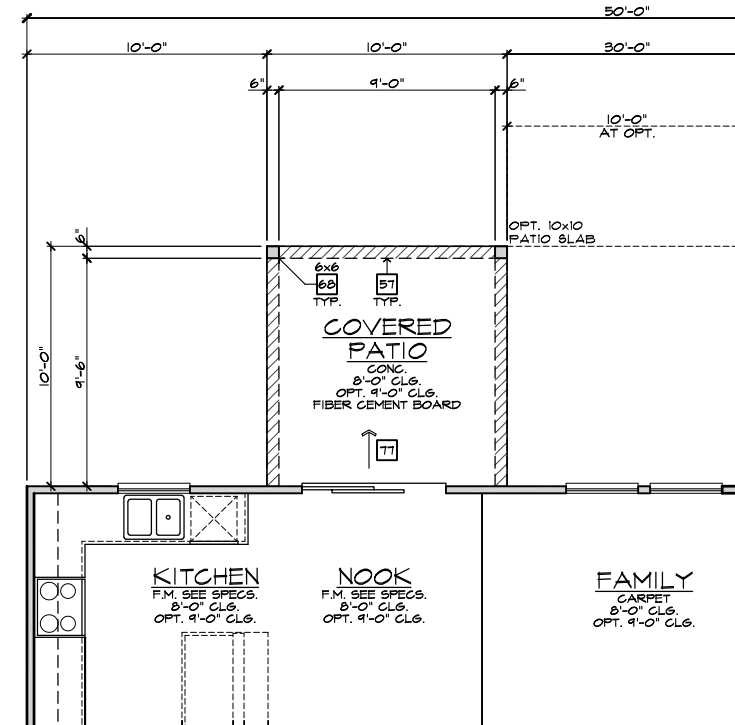
COVERED PATIO 'A'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- ROOF MATERIAL - REFER TO ROOF NOTES
 - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 - 6:12 FLASHING
 - 6:12 FLASHING & SADDLE/CRICKET
 - 6:12 DRIP SCREED
 - 24"x24" CHIMNEY
 - DECORATIVE VENT
 - DECORATIVE CORBEL
 - DECORATIVE SHUTTERS
 - PEDIMENT. SEE ELEVATION FOR TYPE
 - RECESSED ELEMENT
 - DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
 - TRIM PER SPEC - SEE ELEVATION FOR SIZE
 - SYNTHETIC MATERIAL
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - SHAKE SIDING
 - STONE VENEER PER SPECS
 - BRICK/MASONRY VENEER PER SPECS
 - BUILT UP BRICK COLUMN
 - SOLDIER COURSE
 - ROCKLOCK COURSE
 - FRIEZE BOARD
 - SIDING W/ 4" CORNER TRIM PER SPECS
 - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 - PRE-FAB DECORATIVE TRIM
 - LIGHT WEIGHT PRECAST STONE TRIM
 - P.T. LUMBER RAILINGS (36" U.N.O.)
 - WRAP
 - DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE
 - BRACKET OR KICKER - FYPYON OR EQ.
 - ENTRY DOOR
 - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 - SECTIONAL GARAGE DOOR PER SPECS
 - ALUMINUM WRAP
 - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 - OPTIONAL STANDING SEAM METAL ROOF
 - KEYSTONE
 - SOLDIER CROWN
 - JACK SOLDIER COURSE
 - WATER TABLE
 - ATRIUM DOOR
 - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
 - WATER HEATER 'B' VENT TO OUTSIDE AIR
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - LINE OF WALL BELOW
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - MIN. 2" PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - DEL. 2x4 WALL PER PLAN
 - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - FLAT SOFFIT
 - ARCHED SOFFIT
 - DOOR/ WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS
 - SECTIONAL GARAGE DOOR PER SPECS
 - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 - P.T. POST W/ WRAP.
 - EGRESS WINDOW
 - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 - CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENINGS.
 - CONCRETE FOUNDATION PER STRUCTURAL.
 - CONCRETE STOOP: 8"x8" STANDARD SLOPE 1/4" PER FT. MIN.
 - CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENINGS.
 - PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
 - 5" BRICK LEDGE FOR MASONRY VENEER.
 - 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 - REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 - VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
 - 4" MIN. 8 1/4" MAX. TO HARD SURFACE.
 - A/C PAD. VERIFY LOCATION.
 - 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



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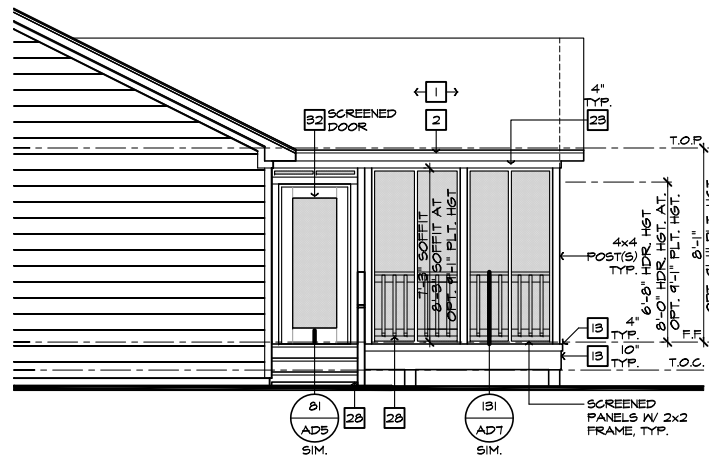
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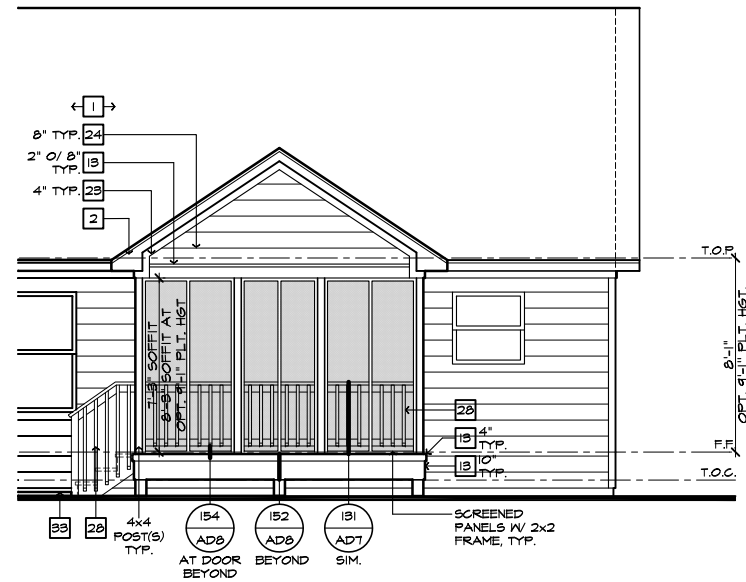
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SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES



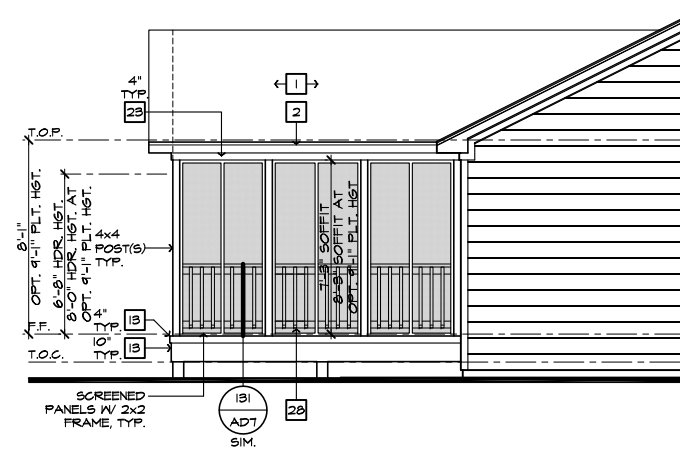
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'A'

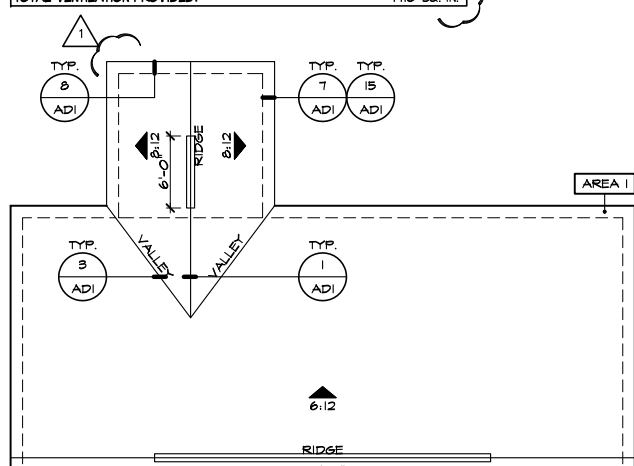
INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS

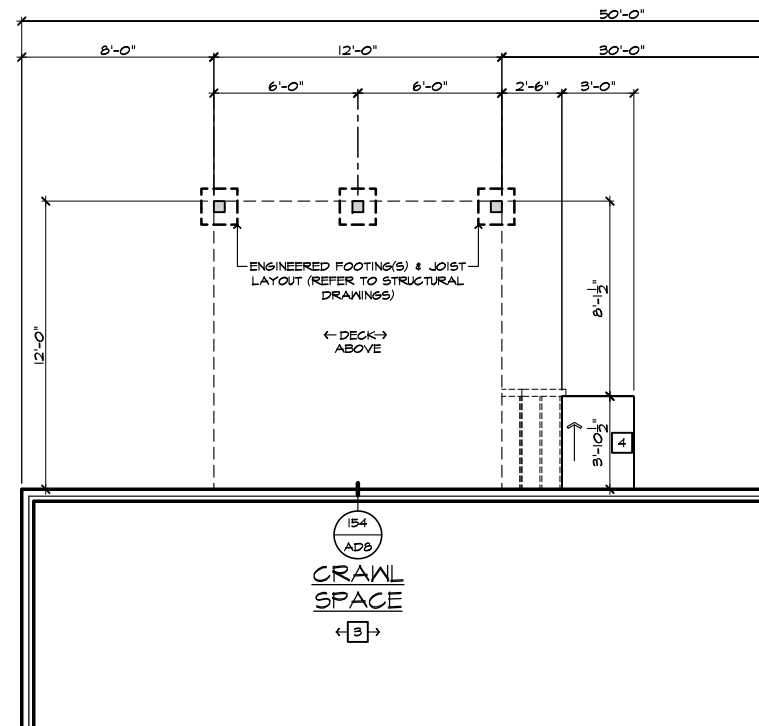
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 / MAIN	
VENTILATION REQUIRED:	
ATTIC AREA = 2342	
SG. FT. / 300	7.81 SQ. FT.
X 144	1148 SQ. IN.
TOTAL HIGH & LOW	1148 SQ. IN.
X 50%	574 SQ. IN.
VENTILATION PROVIDED:	
HIGH	
40 LF RIDGE VENT(S) AT	18 SQ. IN. / LF. = 720 SQ. IN.
0 ROOF VENT(S) AT	0 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	720 SQ. IN.
LOW	
100 LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. = 690 SQ. IN.
0 ROOF VENT(S) AT	0 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED:	1410 SQ. IN.



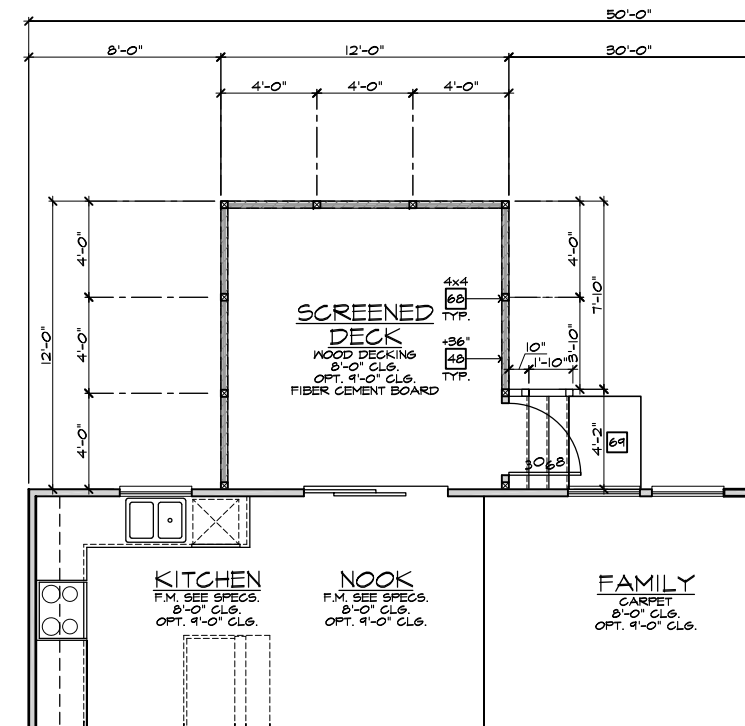
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL CRAWL SPACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

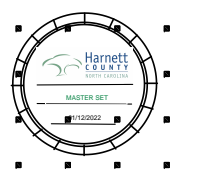
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

SCREENED-IN COVERED DECK AT CRAWL SPACE 'A'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6:1. FLASHING
 4. 6:1. FLASHING & SADDLE/CRICKET
 5. 6:1. DRIP SCREED
 6. 24"x24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE
 31. BRACKET OR KICKER - FYPYON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STUOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN (REFER TO DETAILS)
 28. WATER HEATER 'B' VENT TO OUTSIDE AIR
 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 39. LINE OF WALL BELOW
 41. LINE OF FLOOR ABOVE
 42. LINE OF FLOOR BELOW
 50. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 50. MIN. PAD LOCATION
 51. LOW WALL - REFER TO PLAN FOR HEIGHT
 52. 2x6 STUD WALL
 54. DBL. 2x4 WALL PER PLAN
 55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 57. FLAT SOFFIT
 58. ARCHED SOFFIT
 60. OPT. DOOR/ WINDOW
 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
 62. BRICK / STONE VENEER - REFER TO ELEVATIONS
 63. SECTIONAL GARAGE DOOR PER SPECS
 66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 68. P.T. POST W/ WRAP.
 70. EGRESS WINDOW
 75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



NORTH CAROLINA 50' SERIES

KB HOME
NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD.
SUITE 180
DURHAM, NC 27703
TEL: (919) 768-7988
FAX: (919) 472-0582

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP
REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

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PLAN: 150.1773-R
SHEET: 8.A2

SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES

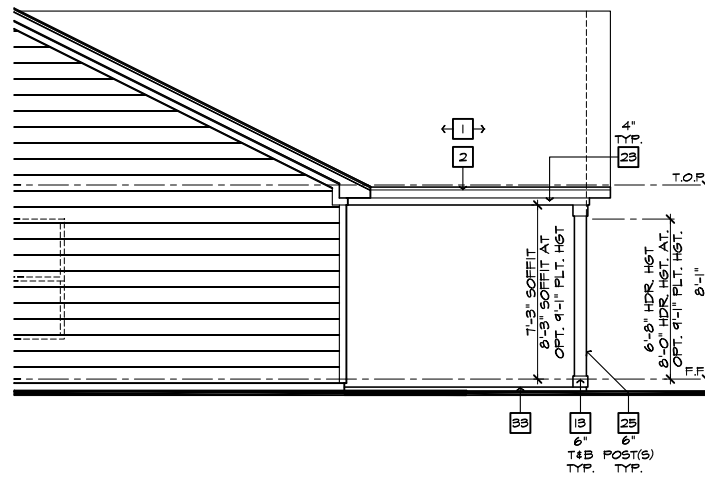
NOTE:
THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.

NOTE:
REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

NOTE:
REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

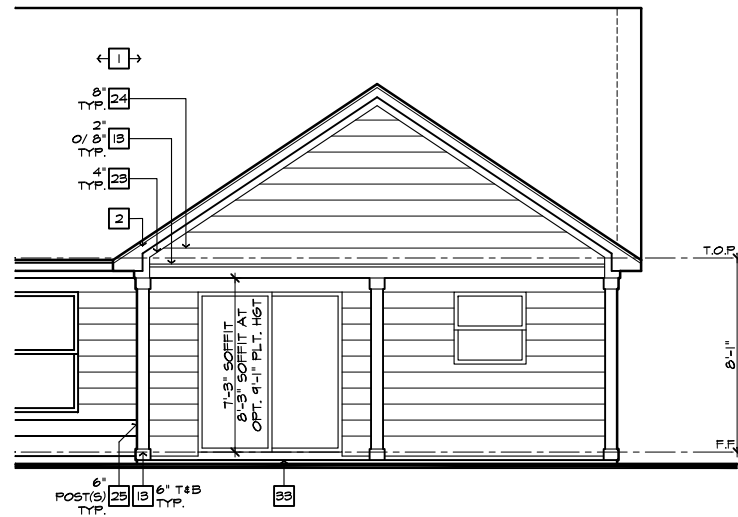
NOTE:
REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

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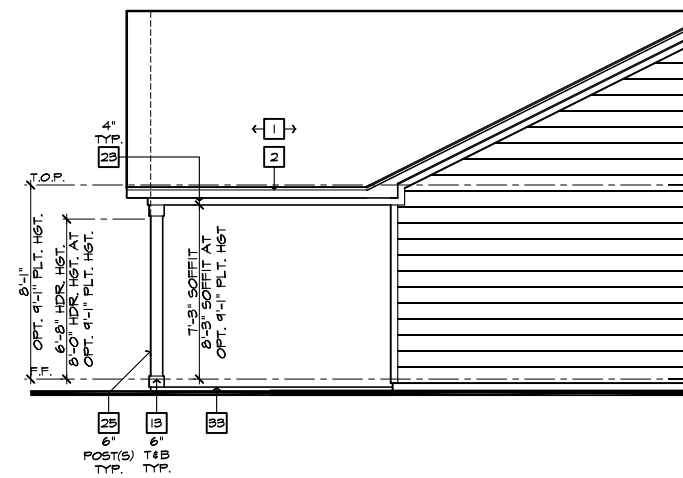
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'A'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

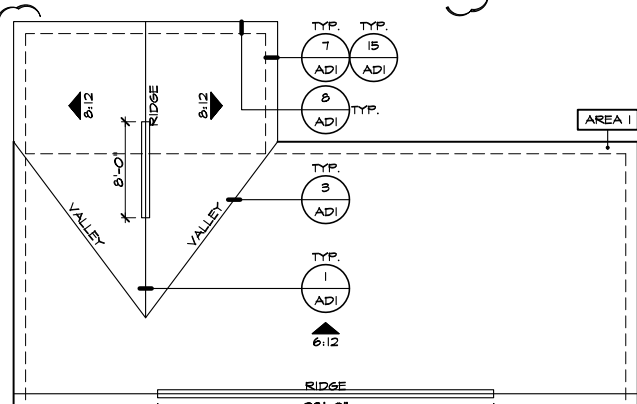
ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

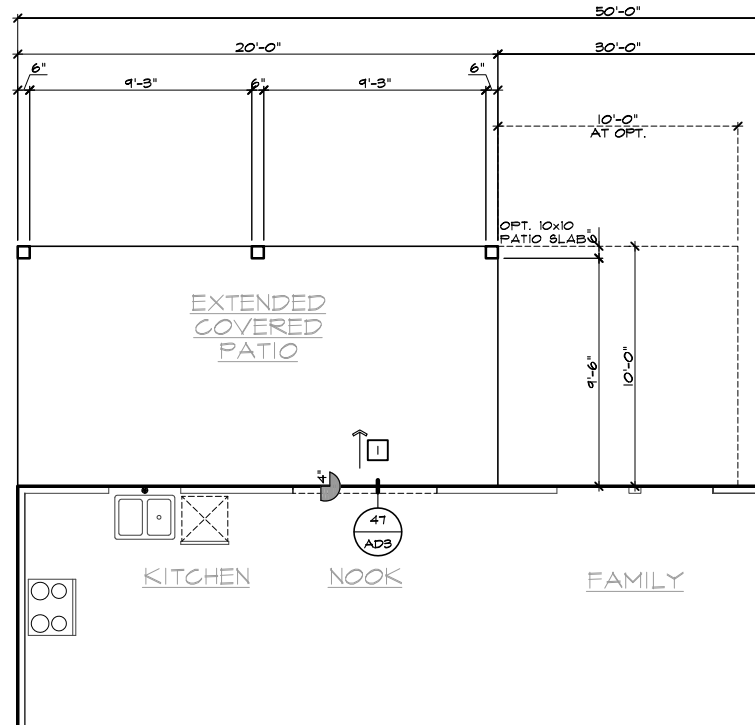
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA / MAIN:	SQ. FT. / 300	8.16 SQ. FT.
VENTILATION REQUIRED:		
ATTIC AREA = 2448	X 144 =	1175 SQ. IN.
	TOTAL HIGH & LOW =	1175 SQ. IN.
	X 50% =	588 SQ. IN.
VENTILATION PROVIDED:		
40 HIGH LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	120 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:		120 SQ. IN.
102 LOW LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	704 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:		1424 SQ. IN.



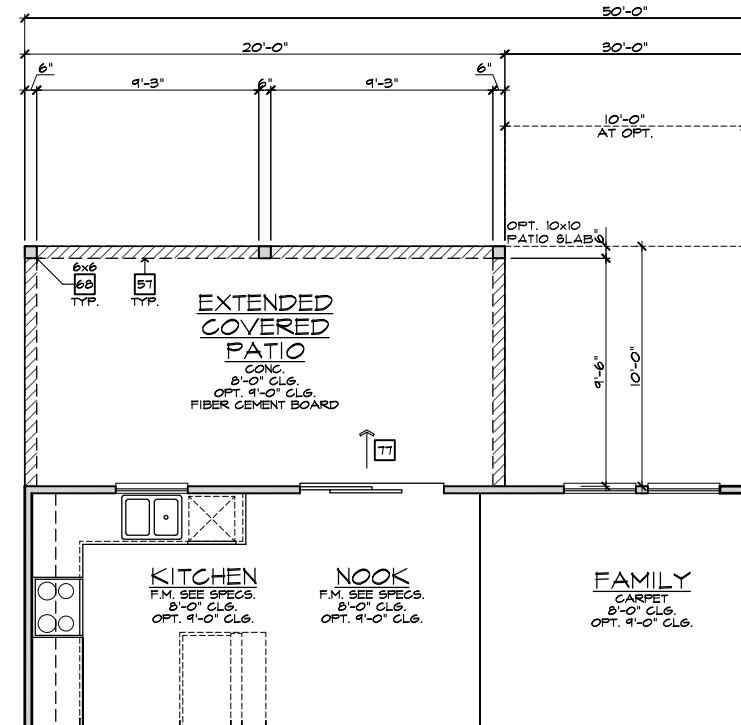
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

EXTENDED COVERED PATIO 'A'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

- ROOF MATERIAL - REFER TO ROOF NOTES
- 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 6.1. FLASHING
- 6.1. FLASHING & SADDLE/CRICKET
- 6.1. DRIP SCREED
- 24"x24" CHIMNEY
- DECORATIVE VENT
- DECORATIVE CORBEL
- DECORATIVE SHUTTERS
- PEDIMENT. SEE ELEVATION FOR TYPE
- RECESSED ELEMENT
- DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
- TRIM PER SPEC- SEE ELEVATION FOR SIZE
- SYNTHETIC MATERIAL
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
- SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
- SHAKE SIDING
- STONE VENEER PER SPECS
- BRICK/MASONRY VENEER PER SPECS
- BUILT UP BRICK COLUMN
- SOLDIER COURSE
- ROCKLOCK COURSE
- FRIEZE BOARD
- SIDING W/ 4" CORNER TRIM PER SPECS
- P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
- PRE-FAB DECORATIVE TRIM
- LIGHT WEIGHT PRECAST STONE TRIM
- P.T. LUMBER RAILINGS (+36" U.N.O.)
- WRAP
- DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE.
- BRACKET OR KICKER - FYPYON OR EQ.
- ENTRY DOOR
- CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
- SECTIONAL GARAGE DOOR PER SPECS
- ALUMINUM WRAP
- OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
- OPTIONAL STANDING SEAM METAL ROOF
- KEYSTONE
- SOLDIER CROWN
- JACK SOLDIER COURSE
- WATER TABLE
- ATRIUM DOOR
- PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
- WATER HEATER VENT TO OUTSIDE AIR
- MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
- LINE OF WALL BELOW
- LINE OF FLOOR ABOVE
- LINE OF FLOOR BELOW
- MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
- MIN. PAD LOCATION
- LOW WALL - REFER TO PLAN FOR HEIGHT
- 2x6 STUD WALL
- DEL. 2x4 WALL PER PLAN
- INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
- FLAT SOFFIT
- ARCHED SOFFIT
- OPT. DOOR/ WINDOW
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
- BRICK / STONE VENEER - REFER TO ELEVATIONS
- SECTIONAL GARAGE DOOR PER SPECS
- 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE
- NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
- P.T. POST W/ WRAP.
- EGRESS WINDOW
- WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
- SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
- CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

SLAB PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
- CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
- CONCRETE FOUNDATION PER STRUCTURAL.
- CONCRETE STOOP: 8"x8" STANDARD SLOPE 1/4" PER FT. MIN.
- CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
- PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
- 5" BRICK LEDGE FOR MASONRY VENEER.
- 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
- REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
- VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
- 4" MIN. 1/4" MAX. TO HARD SURFACE.
- A/C PAD. VERIFY LOCATION.
- 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

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2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP

REVISIONS:



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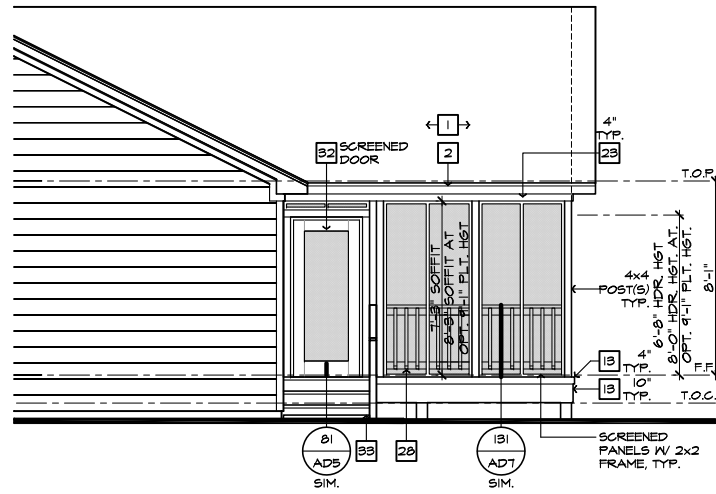
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PLAN: 150.1773-R

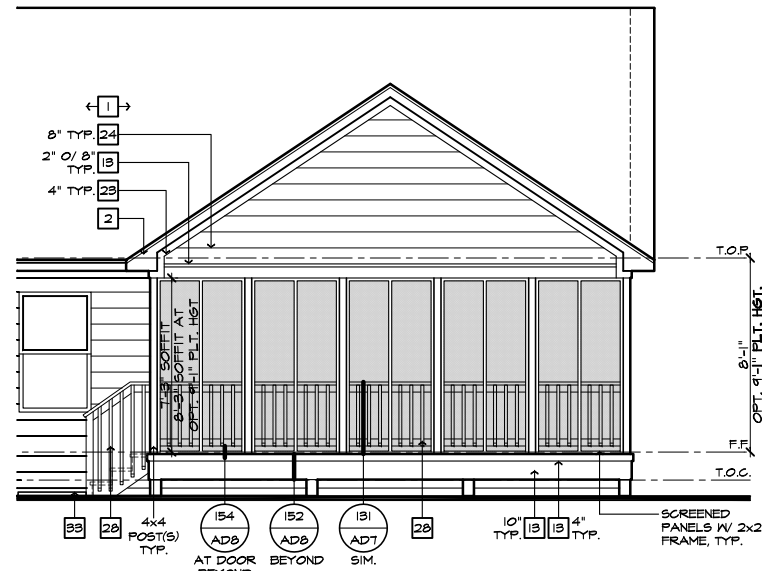
SHEET: 8.A3

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES



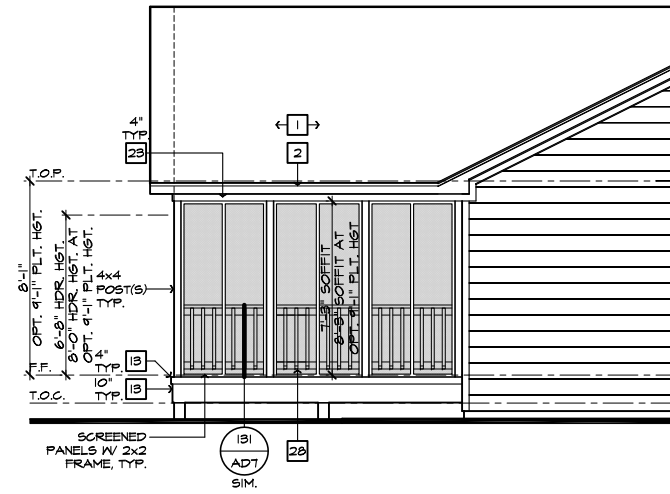
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

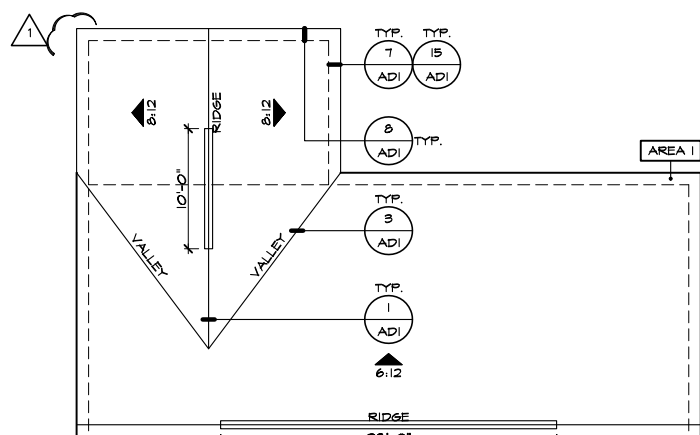
ROOF PLAN NOTES 'A'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

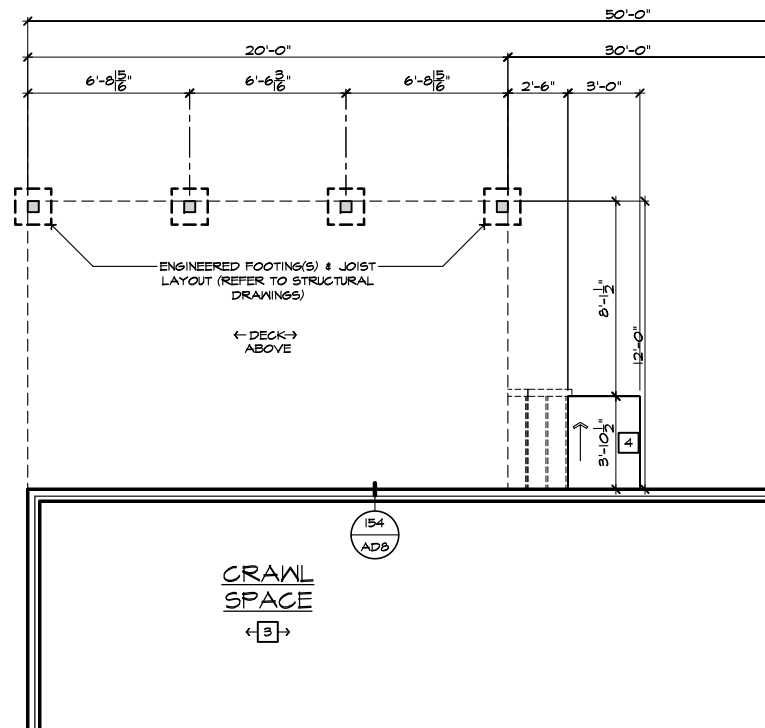
ATTIC VENT CALCULATIONS
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 006.2)
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 / MAIN	VENTILATION REQUIRED:	VENTILATION PROVIDED:
ATTIC AREA = 2488	SQ. FT. / 300 = 8.29 SQ. FT.	
	X 144 = 1194 SQ. IN.	
	TOTAL HIGH & LOW = 1194 SQ. IN.	
	X 50% = 597 SQ. IN.	
		HIGH
	42 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 756 SQ. IN.	
	0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.	
	SUB-TOTAL HIGH VENTILATION:	756 SQ. IN.
	LOW	
	104 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 718 SQ. IN.	
	0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.	
	TOTAL VENTILATION PROVIDED:	1474 SQ. IN.



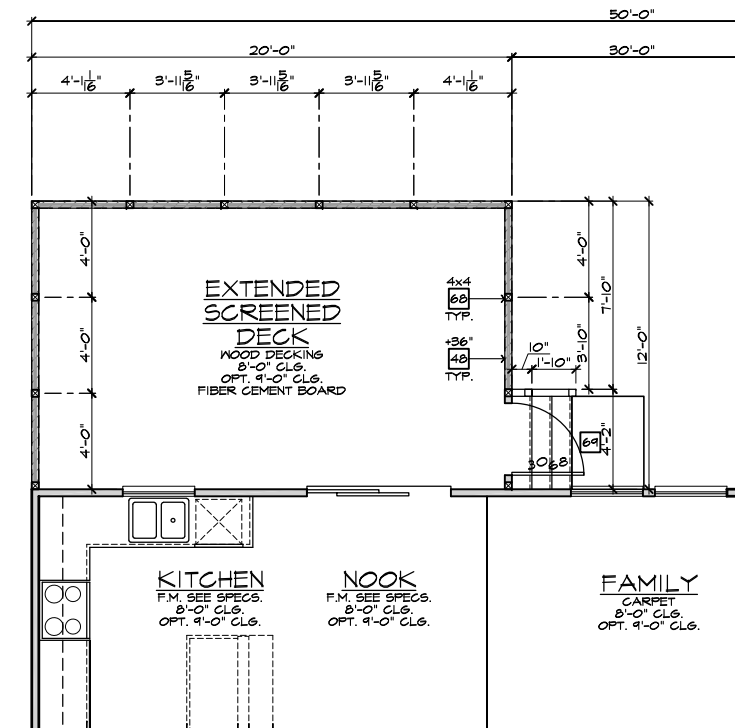
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL CRAWL SPACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'A'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

- ROOF MATERIAL - REFER TO ROOF NOTES
- 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 6.1. FLASHING
- 6.1. FLASHING & SADDLE/CRICKET
- 6.1. DRIP SCREED
- 24"x24" CHIMNEY
- DECORATIVE VENT
- DECORATIVE CORBEL
- DECORATIVE SHUTTERS
- PEDIMENT. SEE ELEVATION FOR TYPE
- RECESSED ELEMENT
- DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
- TRIM PER SPEC - SEE ELEVATION FOR SIZE
- SYNTHETIC MATERIAL
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
- SHAKE SIDING
- STONE VENEER PER SPECS
- BRICK/MASONRY VENEER PER SPECS
- BUILT UP BRICK COLUMN
- SOLDIER COURSE
- ROWLOCK COURSE
- FRIEZE BOARD
- SIDING W/ 4" CORNER TRIM PER SPECS
- P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
- PRE-FAB DECORATIVE TRIM
- LIGHT WEIGHT PRECAST STONE TRIM
- P.T. LUMBER RAILINGS (36" U.N.O.)
- WRAP
- DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
- BRACKET OR KICKER - FYPON OR EQ.
- ENTRY DOOR
- CONCRETE STOOD/ PORCH - SEE SLAB INTERFACE PLAN.
- SECTIONAL GARAGE DOOR PER SPECS
- ALUMINUM WRAP
- OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
- OPTIONAL STANDING SEAM METAL ROOF
- KEYSTONE
- SOLDIER CROWN
- JACK SOLDIER COURSE
- WATER TABLE
- ATRIUM DOOR
- PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
- WATER HEATER 'B' VENT TO OUTSIDE AIR
- MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
- LINE OF WALL BELOW
- LINE OF FLOOR ABOVE
- LINE OF FLOOR BELOW
- MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
- MIN. PAD LOCATION
- LOW WALL - REFER TO PLAN FOR HEIGHT
- 2x6 STUD WALL
- DEL. 2x4 WALL PER PLAN
- INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
- FLAT SOFFIT
- ARCHED SOFFIT
- OPT. DOOR/ WINDOW
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- BRICK / STONE VENEER - REFER TO ELEVATIONS
- SECTIONAL GARAGE DOOR PER SPECS
- 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH)
- P.T. POST W/ WRAP
- EGRESS WINDOW
- WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
- SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
- CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

VENTILATION
NC2008NCP/ 01/17/20 / KBA

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NOTE:
THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.

NOTE:
REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

NOTE:
REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE:
REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

KB HOME
NORTH CAROLINA DIVISION
4518 S. MIAMI BLVD.
SUITE 180
DURHAM, NC 27703
TEL: (919) 768-7988
FAX: (919) 472-0582

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP
REVISIONS:

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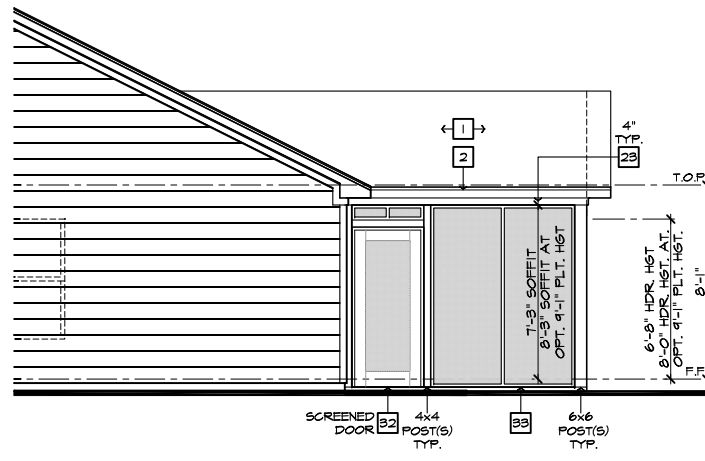
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PLAN: 150.1773-R
SHEET: 8.A4

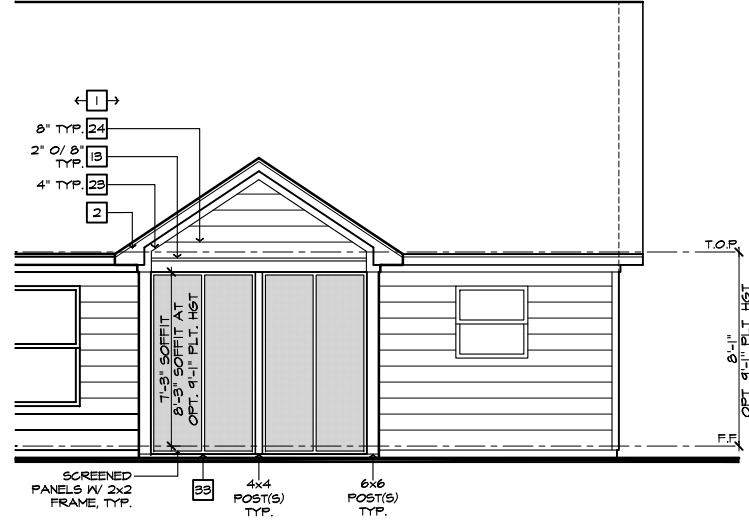
SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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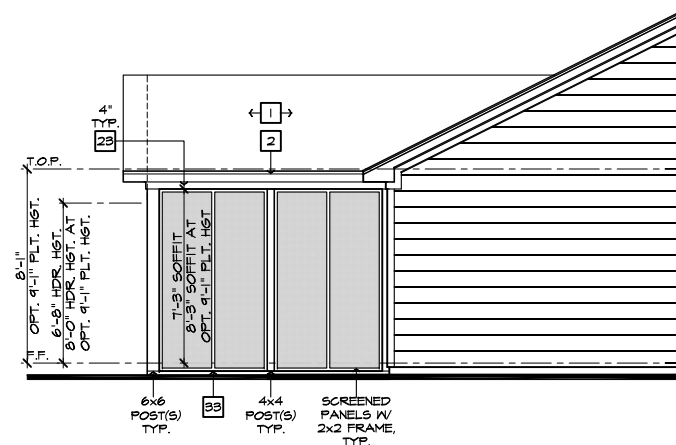
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

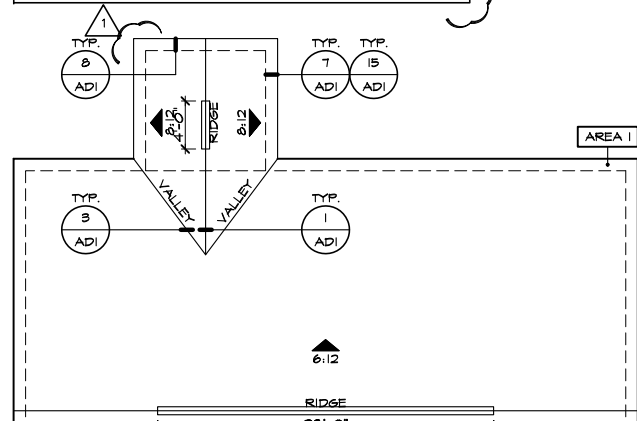
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

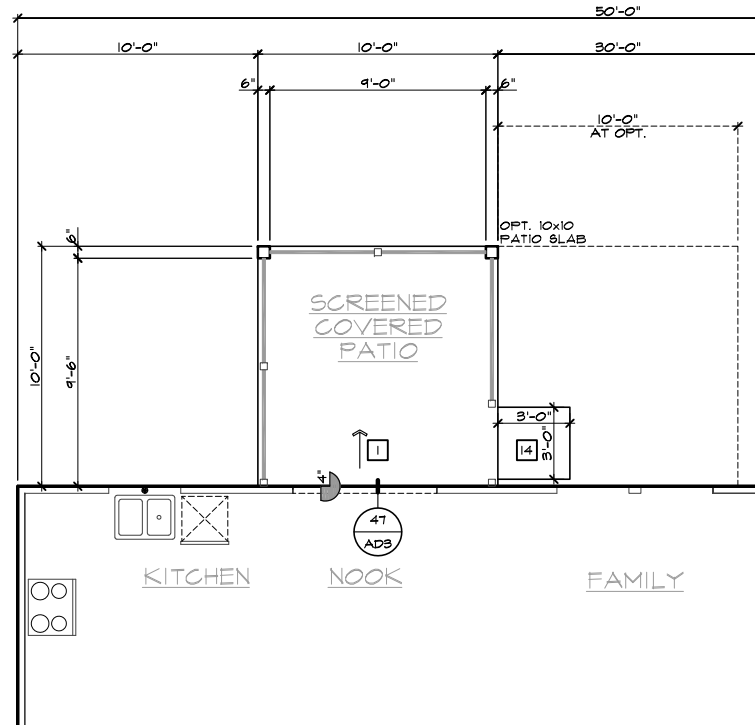
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'A'	
	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARNALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R 206.2)	
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA / MAIN:	
VENTILATION REQUIRED:	
ATTIC AREA = 2348	SG. FT. / 300 = 7.83 SQ. FT.
	X 144 = 1127 SQ. IN.
	TOTAL HIGH & LOW = 1127 SQ. IN.
	X 50% = 564 SQ. IN.
VENTILATION PROVIDED:	
High	
80 LF RIDGE VENT(S) AT	18 SQ. IN. / LF. = 684 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	684 SQ. IN.
LOW	



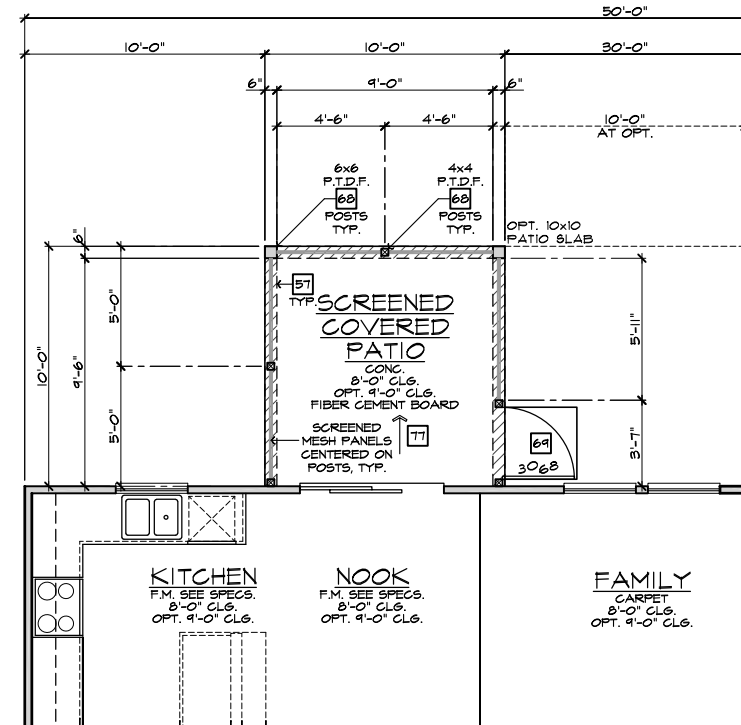
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

SCREENED-IN PATIO 'A'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6:1. FLASHING
4.	6:1. FLASHING & SADDLE/CRICKET
5.	6:1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROCKLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
50.	MIN. 3/4" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	MIN. PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DBL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/ WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST W/ WRAP.
70.	EGRESS WINDOW
75.	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

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NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.

NOTE: THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7988 FAX: (919) 472-0582

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP

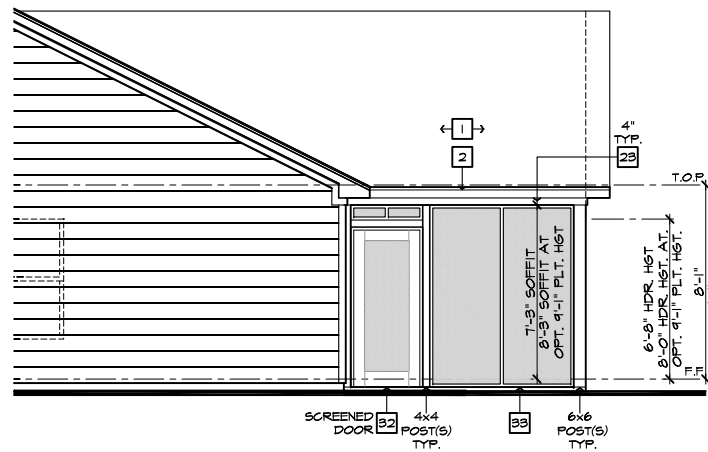
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VENTILATION NC2008NCP/ 01/17/20 /KBA

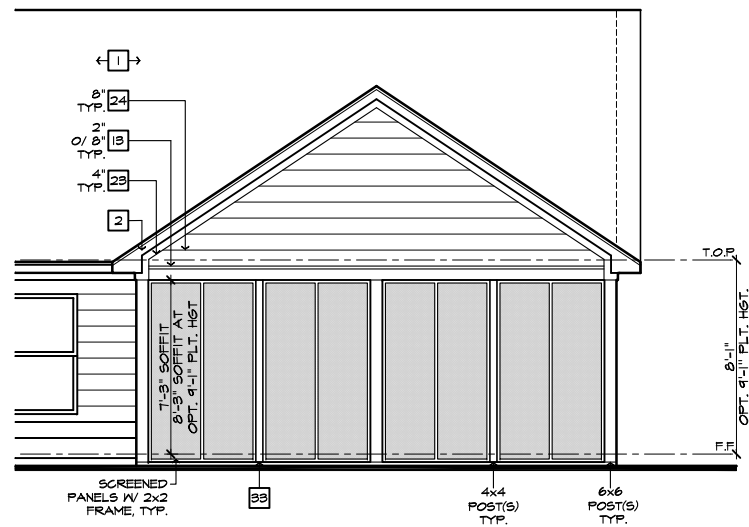
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SHEET: 8.A5

SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES



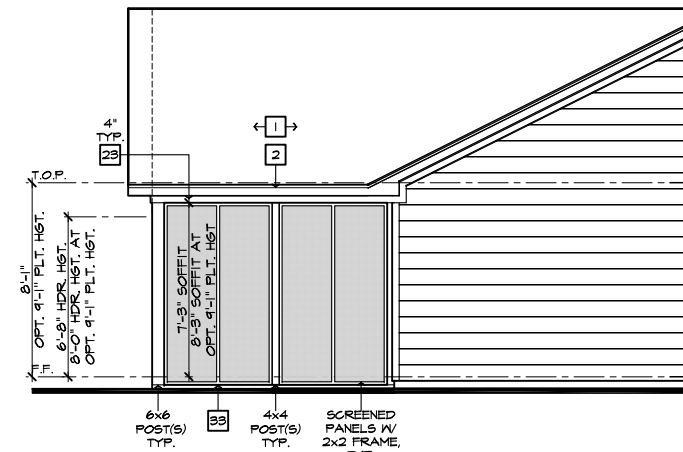
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

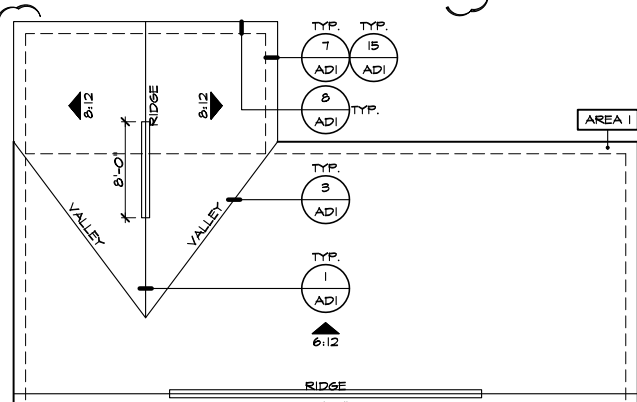
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

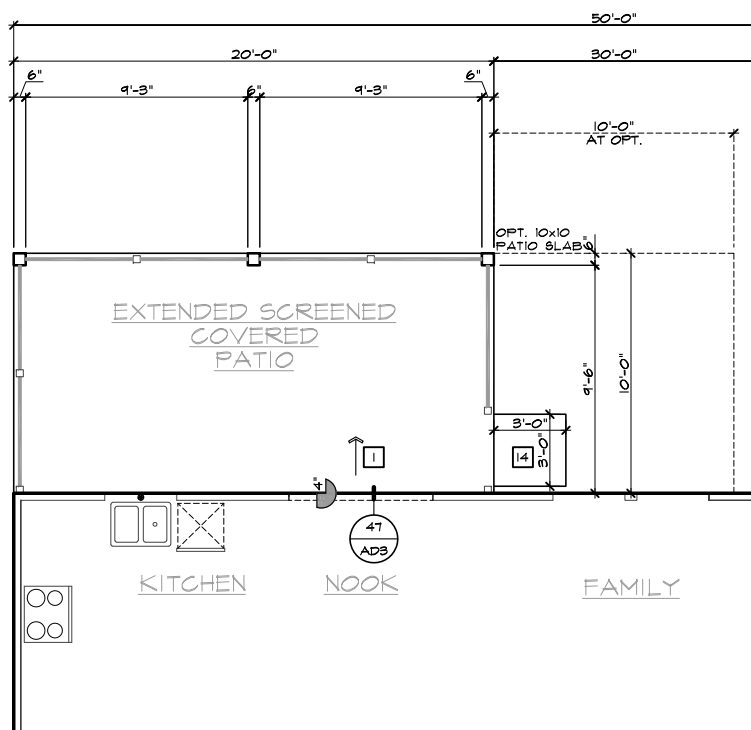
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'A'	
INDICATES ROOF SLOPE AND DIRECTION, U.N.O.	
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 806.2)	
* CALCULATION BY 1/50. HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 1 / MAIN:	
VENTILATION REQUIRED:	
ATTIC AREA = 2448	500 SQ. FT. / 300
	816 SQ. FT.
	X 144 = 1175 SQ. IN.
	TOTAL HIGH & LOW = 1175 SQ. IN.
	X 50% = 588 SQ. IN.
VENTILATION PROVIDED:	
40	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 120 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION: 120 SQ. IN.	
102	LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 104 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED: 1424 SQ. IN.	



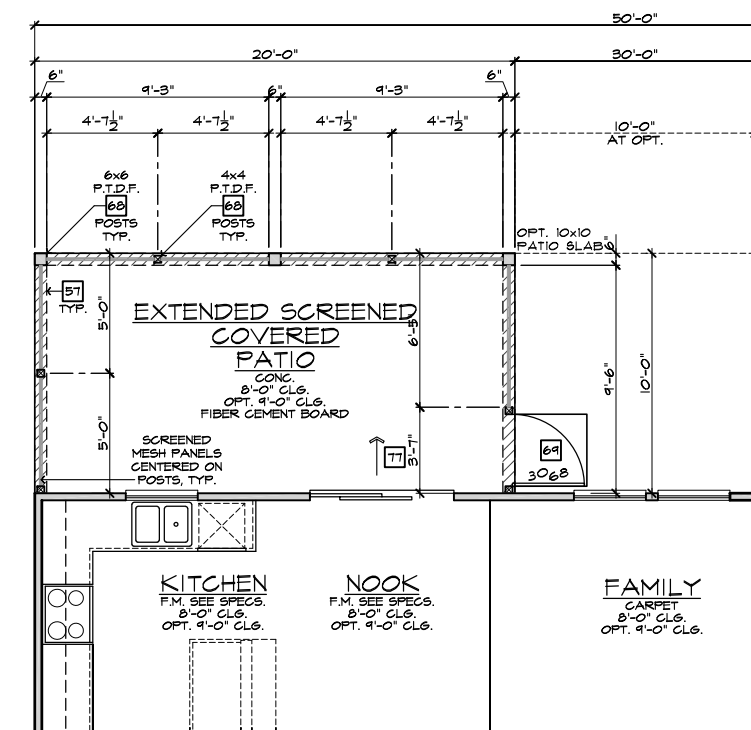
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")


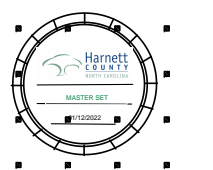
EXTENDED SCREENED-IN COVERED PATIO 'A'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	RONLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (#36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS)
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
50.	MIN. 4" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	MIN. PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DBL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/ WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH.)
68.	P.T. POST W/ WRAP.
75.	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

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NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.	
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.	
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE	
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE	

**NORTH CAROLINA
50' SERIES**

KB HOME
NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD.
SUITE 180
DURHAM, NC 27703
TEL: (919) 768-7988
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**2018 NORTH
CAROLINA STATE
BUILDING
CODES**

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP

REVISIONS:

VENTILATION
NC2008NCP/ 01/17/20 /KBA

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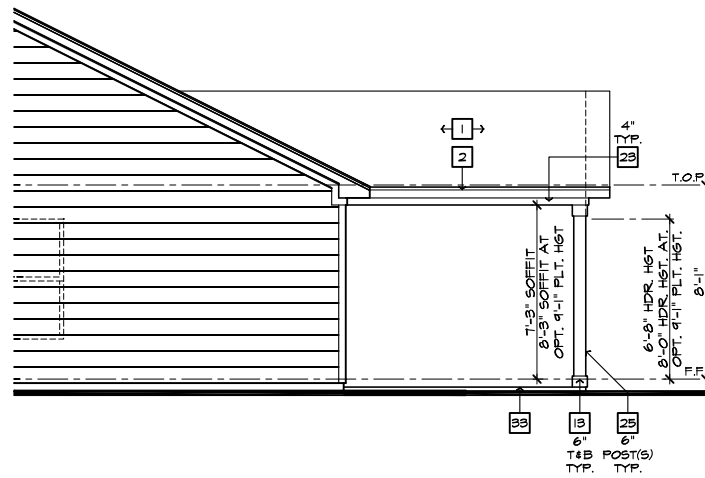
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SHEET:
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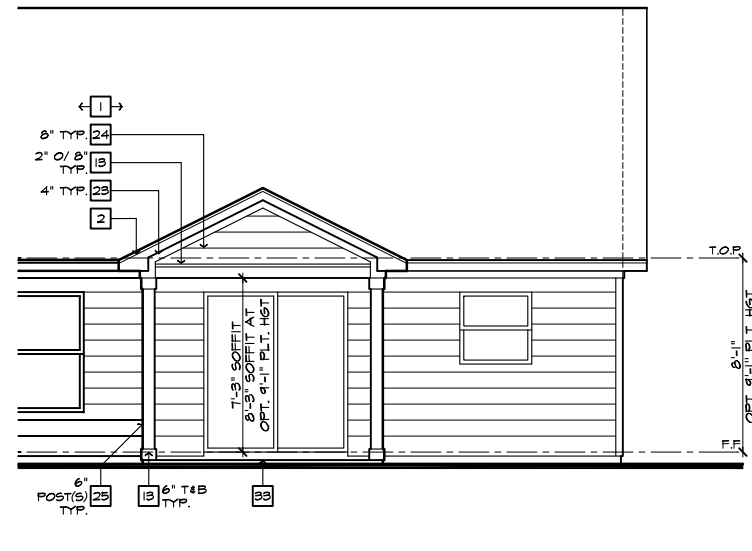
SPEC. LEVEL 1
**RALEIGH-DURHAM
50' SERIES**

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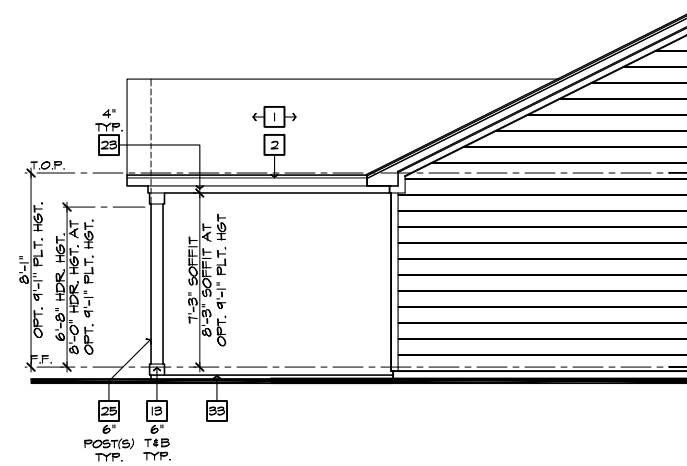
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

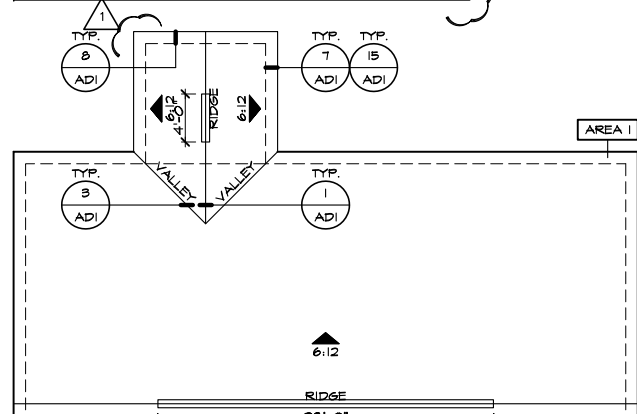
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'B'	
INDICATES ROOF SLOPE AND DIRECTION, U.N.O. 6:12	
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 806.2)	
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 1 / MAIN:	
VENTILATION REQUIRED:	
ATTIC AREA = 2348	SQ. FT. / 500 = 4.696 SQ. FT.
	X 144 = 676.224 SQ. IN.
	TOTAL HIGH & LOW = 1127 SQ. IN.
	X 50% = 564 SQ. IN.
VENTILATION PROVIDED:	
High	
88	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 684 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION: 684 SQ. IN.	
Low	
48	LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 676 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED: 1360 SQ. IN.	

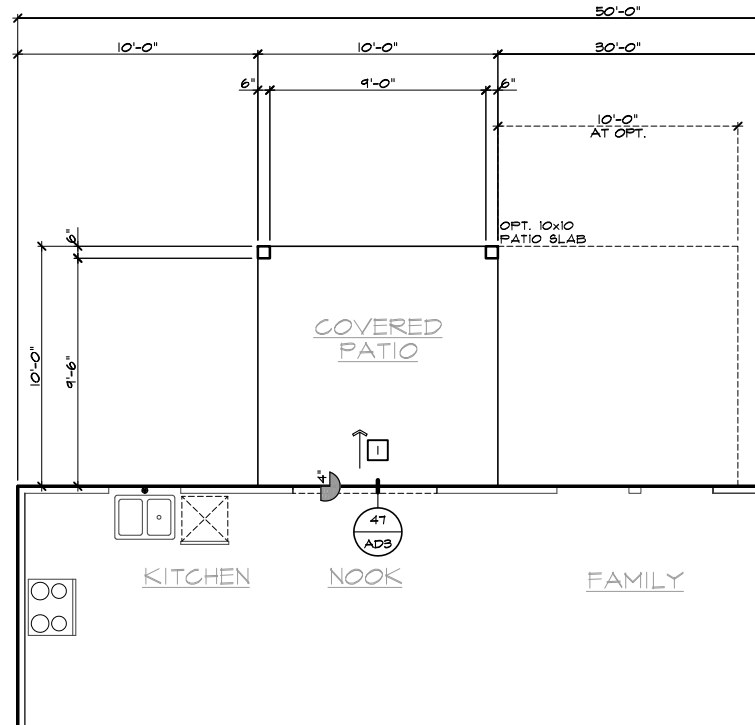


PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")

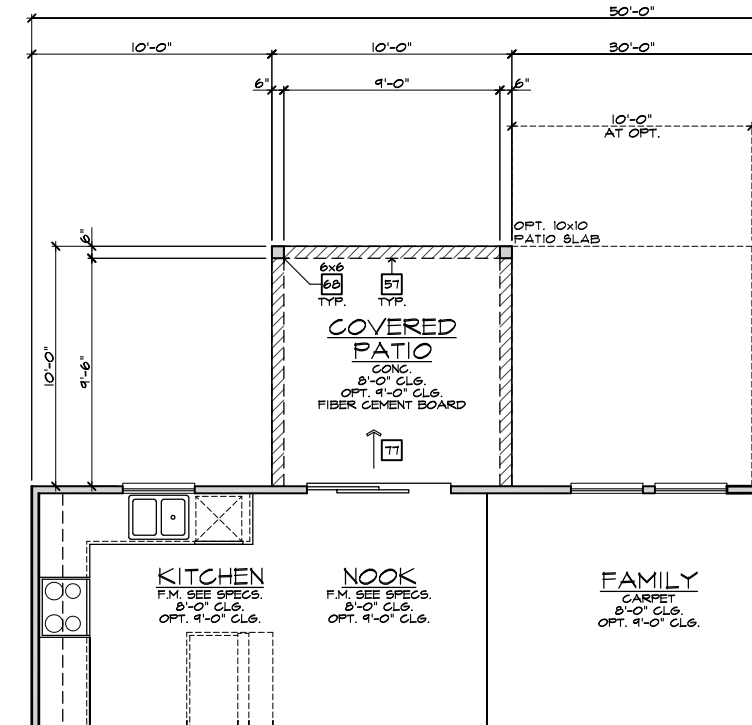
COVERED PATIO 'B'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- ROOF MATERIAL - REFER TO ROOF NOTES
 - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 - 6:12 FLASHING
 - 6:12 FLASHING & SADDLE/CRICKET
 - 6:12 DRIP SCREED
 - 24"x24" CHIMNEY
 - DECORATIVE VENT
 - DECORATIVE CORBEL
 - DECORATIVE SHUTTERS
 - PEDIMENT. SEE ELEVATION FOR TYPE
 - RECESSED ELEMENT
 - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 - TRIM PER SPEC- SEE ELEVATION FOR SIZE
 - SYNTHETIC MATERIAL
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - SHAKE SIDING
 - STONE VENEER PER SPECS
 - BRICK/MASONRY VENEER PER SPECS
 - BUILT UP BRICK COLUMN
 - SOLDIER COURSE
 - ROCKLOCK COURSE
 - FRIEZE BOARD
 - SIDING W/ 4" CORNER TRIM PER SPECS
 - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 - PRE-FAB DECORATIVE TRIM
 - LIGHT WEIGHT PRECAST STONE TRIM
 - P.T. LUMBER RAILINGS (36" U.N.O.)
 - WRAP
 - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
 - BRACKET OR KICKER - FYPON OR EQ.
 - ENTRY DOOR
 - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 - SECTIONAL GARAGE DOOR PER SPECS
 - ALUMINUM WRAP
 - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 - OPTIONAL STANDING SEAM METAL ROOF
 - KEYSTONE
 - SOLDIER CROWN
 - JACK SOLDIER COURSE
 - WATER TABLE
 - ATRIUM DOOR
 - PILASTER - SEE ELEVATION FOR TYPE

- # PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
 - WATER HEATER 'B' VENT TO OUTSIDE AIR
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - LINE OF WALL BELOW
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - MIN. 2" PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - DEL. 2x4 WALL PER PLAN
 - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - FLAT SOFFIT
 - ARCHED SOFFIT
 - OPT. DOOR/ WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS
 - SECTIONAL GARAGE DOOR PER SPECS
 - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE
 - NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH.
 - P.T. POST W/ WRAP.
 - EGRESS WINDOW
 - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- # SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 - CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENINGS.
 - CONCRETE FOUNDATION PER STRUCTURAL.
 - CONCRETE STOOP: 8"x8" STANDARD SLOPE 1/4" PER FT. MIN.
 - CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENINGS.
 - PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
 - 5" BRICK LEDGE FOR MASONRY VENEER.
 - 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 - REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 - VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
 - 4" MIN. 8 1/4" MAX. TO HARD SURFACE.
 - A/C PAD. VERIFY LOCATION.
 - 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7988 FAX: (919) 472-0582

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19 PROJECT No.: 1350999-57 DIVISION MGR.: MP REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

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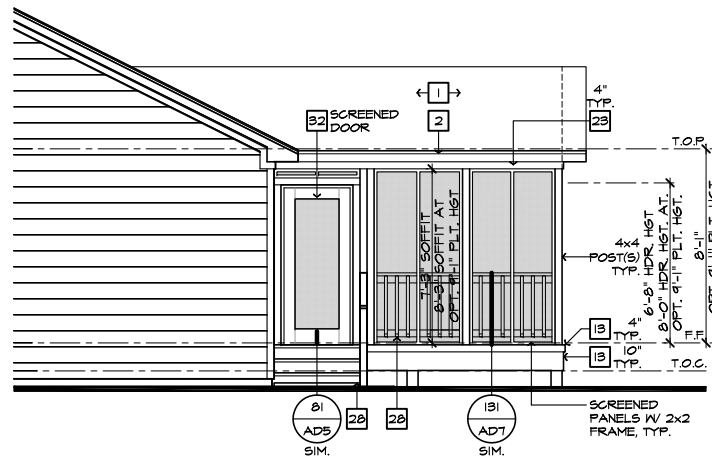
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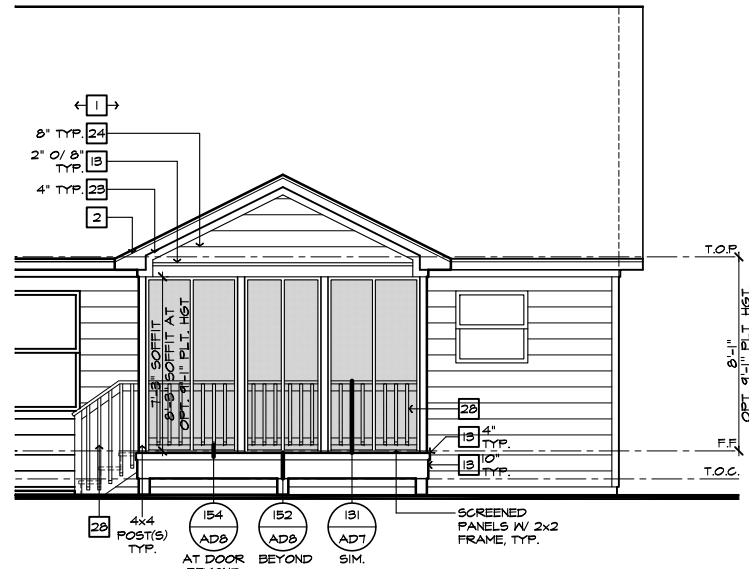
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SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES



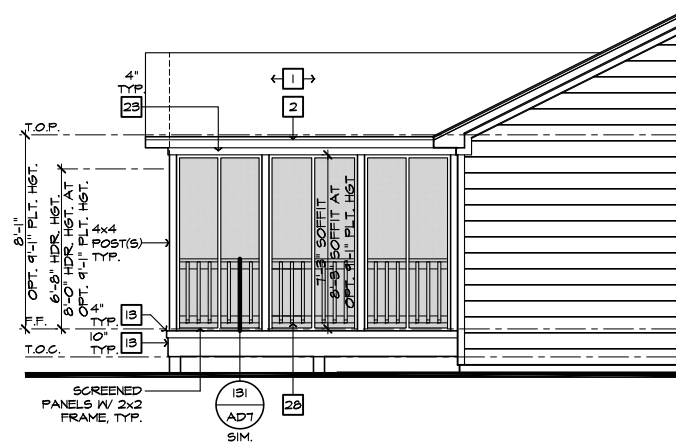
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'B'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

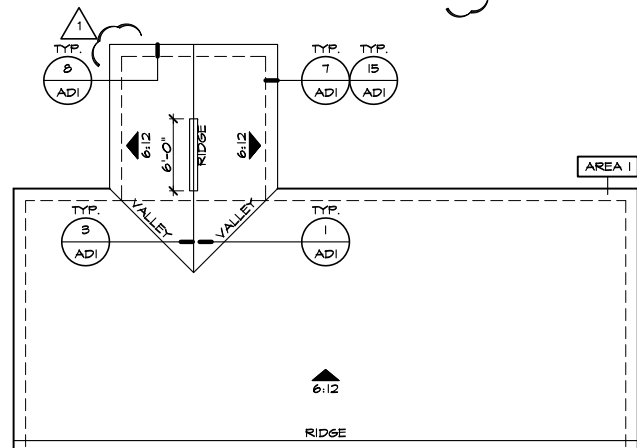
ATTIC VENT CALCULATIONS

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.
APPROXIMATE RIDGE VENT LOCATIONS SHOWN
ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 MAIN:

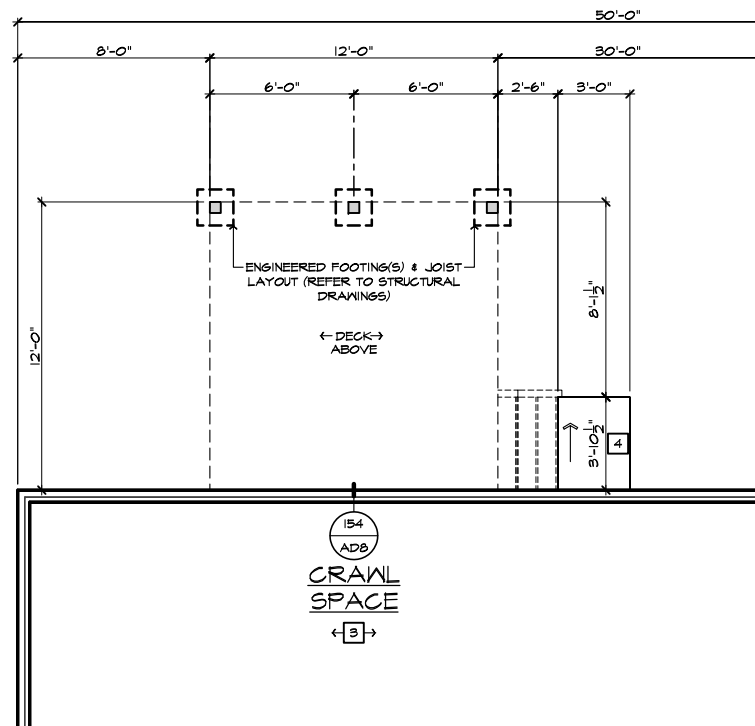
VENTILATION REQUIRED:	
ATTIC AREA = 2342	500 SQ. FT. / 500 7.67 SQ. FT.
	X 144 = 1148 SQ. IN.
	TOTAL HIGH & LOW = 1148 SQ. IN.
	X 50% = 574 SQ. IN.

VENTILATION PROVIDED:	
HIGH	
40	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 720 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	720 SQ. IN.
LOW	
100	LF VENTILATED SOFFIT AT 6.4 SQ. IN. / LF. = 640 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED:	1410 SQ. IN.



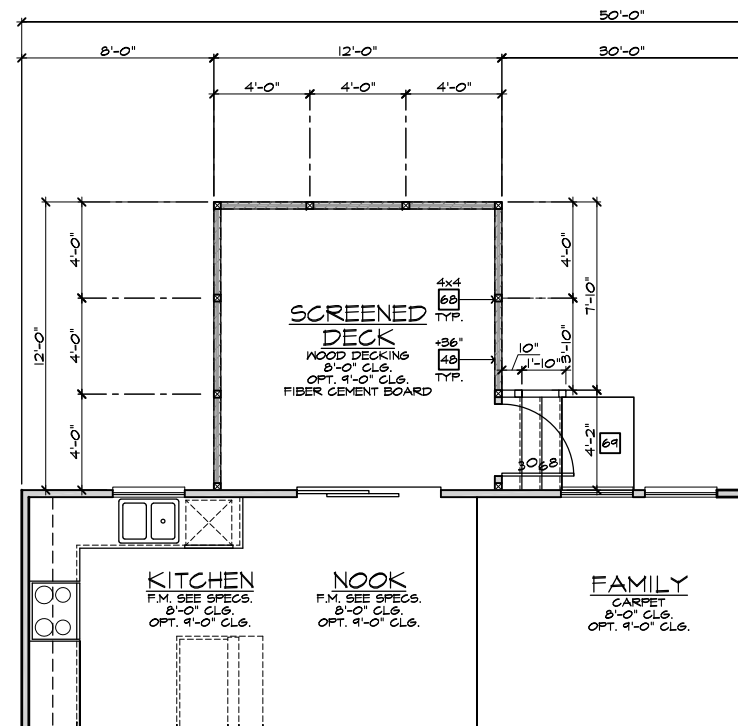
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL CRAWL SPACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

SCREENED-IN COVERED DECK AT CRAWL SPACE 'B'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

1. ROOF MATERIAL - REFER TO ROOF NOTES
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
3. 6:1 FLASHING
4. 6:1 FLASHING & SADDLE/CRICKET
5. 6:1 DRIP SCREED
6. 24"x24" CHIMNEY
7. DECORATIVE VENT
8. DECORATIVE CORBEL
9. DECORATIVE SHUTTERS
10. PEDIMENT, SEE ELEVATION FOR TYPE
11. RECESSED ELEMENT
12. DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
14. SYNTHETIC MATERIAL
15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17. SHAKE SIDING
18. STONE VENEER PER SPECS
19. BRICK/MASONRY VENEER PER SPECS
20. BUILT UP BRICK COLUMN
21. SOLDIER COURSE
22. RAILLOCK COURSE
23. FRIEZE BOARD
24. SIDING W/ 4" CORNER TRIM PER SPECS
25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26. PRE-FAB DECORATIVE TRIM
27. LIGHT WEIGHT PRECAST STONE TRIM
28. P.T. LUMBER RAILINGS (+36" U.N.O.)
29. WRAP
30. DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE.
31. BRACKET OR KICKER - FYPYON OR EQ.
32. ENTRY DOOR
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34. SECTIONAL GARAGE DOOR PER SPECS
35. ALUMINUM WRAP
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37. OPTIONAL STANDING SEAM METAL ROOF
38. KEYSTONE
39. SOLDIER CROWN
40. JACK SOLDIER COURSE
41. WATER TABLE
42. ATRIUM DOOR
43. PILLASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
28. WATER HEATER B VENT TO OUTSIDE AIR
29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39. LINE OF WALL BELOW
41. LINE OF FLOOR ABOVE
42. LINE OF FLOOR BELOW
48. MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50. A/C PAD LOCATION
51. LOW WALL - REFER TO PLAN FOR HEIGHT
52. 2x6 STUD WALL
54. DEL. 2x4 WALL PER PLAN
55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57. FLAT SOFFIT
58. ARCHED SOFFIT
60. OPT. DOOR/ WINDOW
61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
62. BRICK / STONE VENEER - REFER TO ELEVATIONS
63. SECTIONAL GARAGE DOOR PER SPECS
66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68. P.T. POST W/ WRAP.
70. EGRESS WINDOW
75. WINDOW LEDGE, HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77. CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

REVISIONS:

NO.	DATE	DESCRIPTION
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VENTILATION
NC2009NCP/ 01/17/20 /KBA

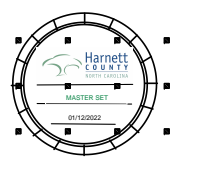
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NOTE:
THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R409.1.
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R409.2.

NOTE:
REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

NOTE:
REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE:
REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

KB HOME
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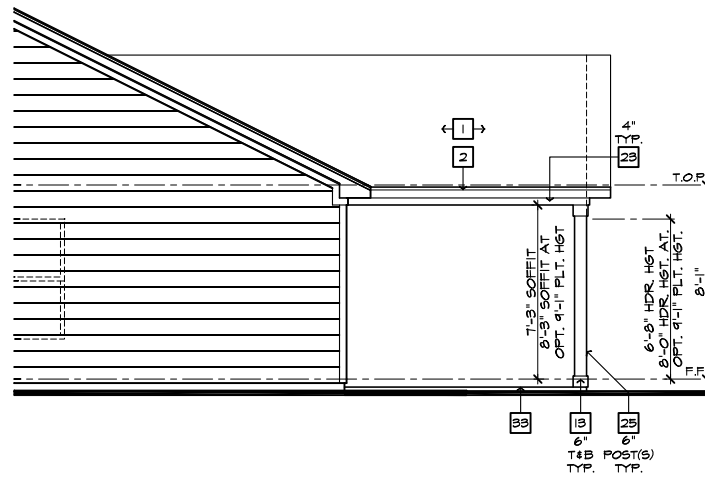
ISSUE DATE: 12/13/19
PROJECT No.: 1350999:57
DIVISION MGR.: MP
REVISIONS:

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SHEET:
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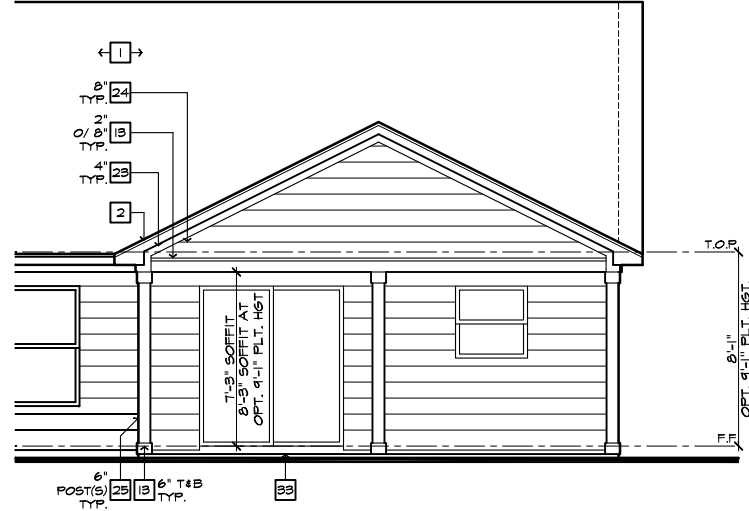
SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES

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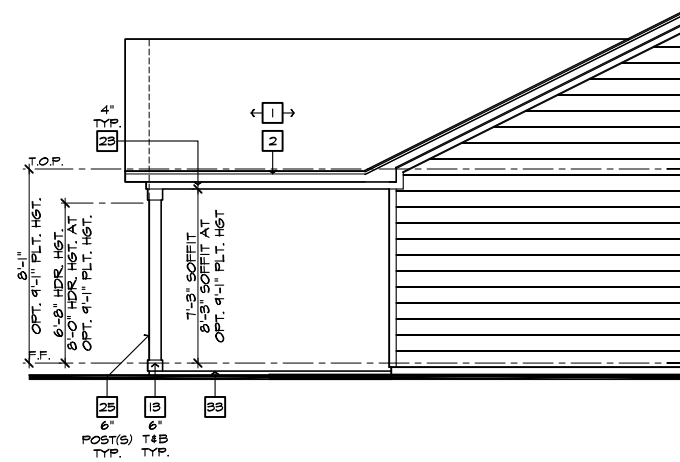
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'B'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

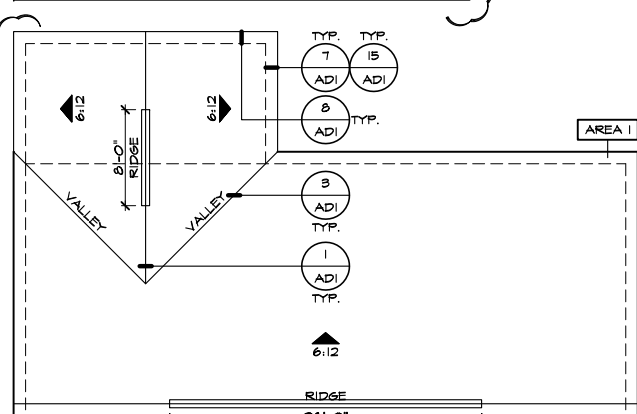
ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA / MAIN:	SQ. FT. / 300	8.16 SQ. FT.
VENTILATION REQUIRED:		
ATTIC AREA = 2448	X 144 =	1175 SQ. IN.
	TOTAL HIGH & LOW =	1175 SQ. IN.
	X 50% =	588 SQ. IN.
VENTILATION PROVIDED:		
40 HIGH LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	120 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:		120 SQ. IN.
102 LOW LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	704 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:		1424 SQ. IN.

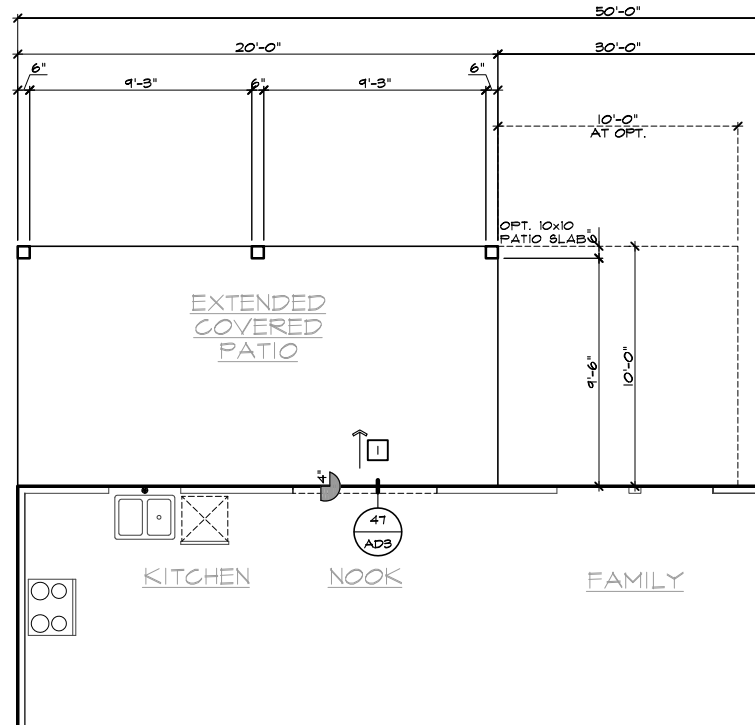


PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")

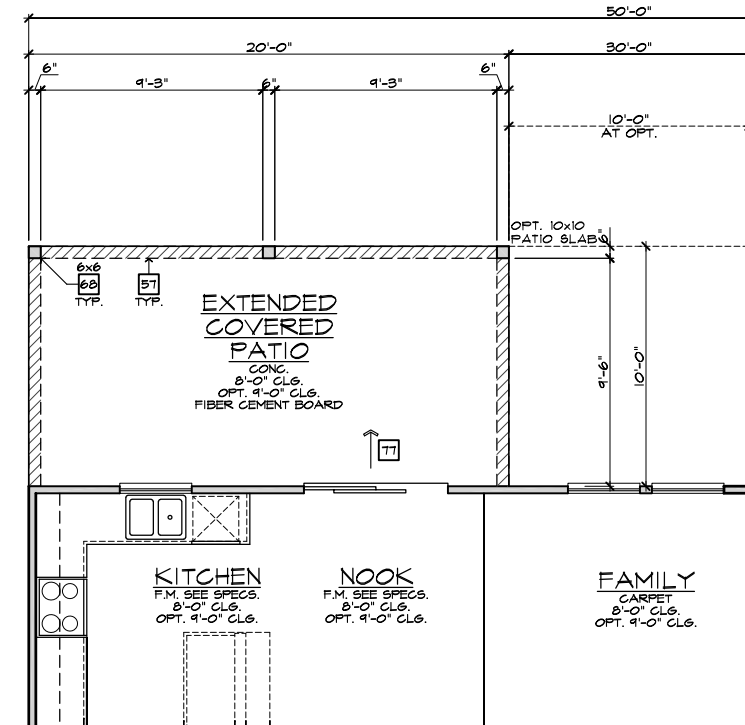
EXTENDED COVERED PATIO 'B'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- ROOF MATERIAL - REFER TO ROOF NOTES
 - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 - 6.1. FLASHING
 - 6.1. FLASHING & SADDLE/GRICKET
 - 6.1. DRIP SCREED
 - 24"x24" CHIMNEY
 - DECORATIVE VENT
 - DECORATIVE CORBEL
 - DECORATIVE SHUTTERS
 - PEDIMENT. SEE ELEVATION FOR TYPE
 - RECESSED ELEMENT
 - DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
 - TRIM PER SPEC- SEE ELEVATION FOR SIZE
 - SYNTHETIC MATERIAL
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - SHAKE SIDING
 - STONE VENEER PER SPECS
 - BRICK/MASONRY VENEER PER SPECS
 - BUILT UP BRICK COLUMN
 - SOLDIER COURSE
 - ROCKLOCK COURSE
 - FRIEZE BOARD
 - SIDING W/ 4" CORNER TRIM PER SPECS
 - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 - PRE-FAB DECORATIVE TRIM
 - LIGHT WEIGHT PRECAST STONE TRIM
 - P.T. LUMBER RAILINGS (+36" U.N.O.)
 - WRAP
 - DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE.
 - BRACKET OR KICKER - FYPYON OR EQ.
 - ENTRY DOOR
 - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 - SECTIONAL GARAGE DOOR PER SPECS
 - ALUMINUM WRAP
 - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 - OPTIONAL STANDING SEAM METAL ROOF
 - KEYSTONE
 - SOLDIER CROWN
 - JACK SOLDIER COURSE
 - WATER TABLE
 - ATRIUM DOOR
 - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
 - WATER HEATER 'B' VENT TO OUTSIDE AIR
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - LINE OF WALL BELOW
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - MIN. 36" PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - DEL. 2x4 WALL PER PLAN
 - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - FLAT SOFFIT
 - ARCHED SOFFIT
 - OPT. DOOR/ WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK - STONE VENEER - REFER TO ELEVATIONS
 - SECTIONAL GARAGE DOOR PER SPECS
 - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE
 - NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH.
 - P.T. POST W/ WRAP.
 - EGRESS WINDOW
 - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 - CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
 - CONCRETE FOUNDATION PER STRUCTURAL.
 - CONCRETE STOOP: 8"x8" STANDARD SLOPE 1/4" PER FT. MIN.
 - CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
 - PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
 - 5" BRICK LEDGE FOR MASONRY VENEER.
 - 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 - REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 - VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
 - 4" MIN. 8 1/4" MAX. TO HARD SURFACE.
 - A/C PAD. VERIFY LOCATION.
 - 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

KB HOME
NORTH CAROLINA DIVISION
4518 S. MIAMI BLVD.
SUITE 180
DURHAM, NC 27703
TEL: (919) 768-7988
FAX: (919) 472-0582

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP

REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

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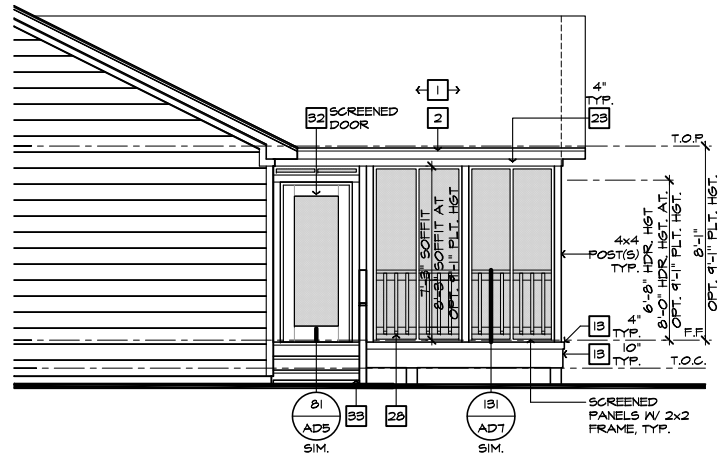
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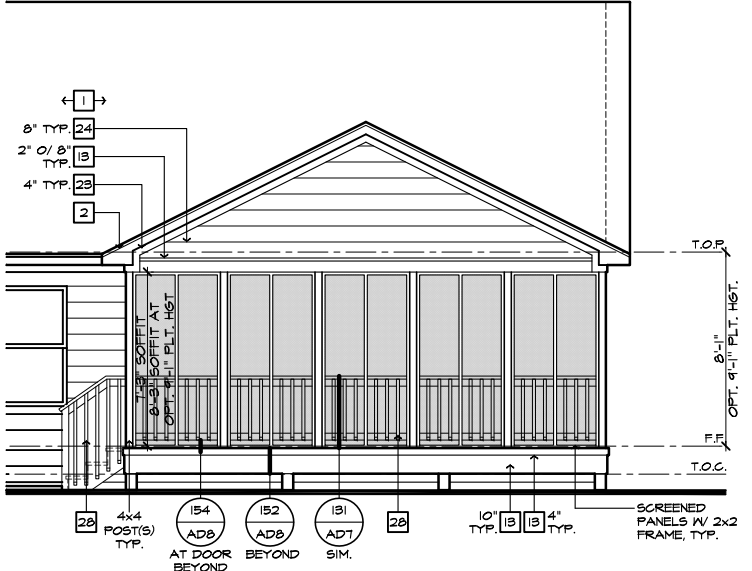
PLAN: 150.1773-R

SHEET: 8.B3

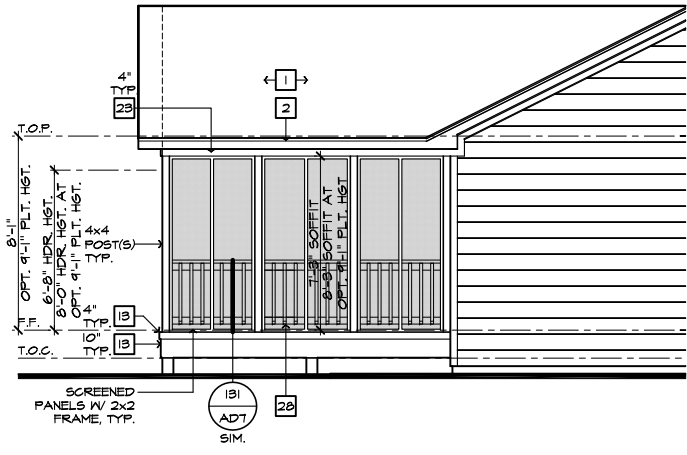
SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES



PARTIAL RIGHT ELEVATION
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'B'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

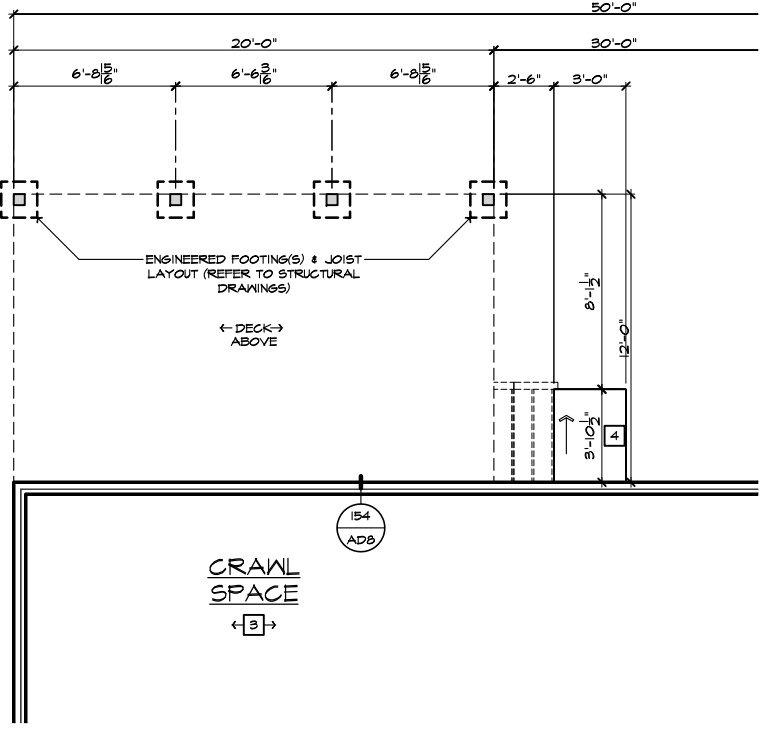
ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARNALL PANELS.

ATTIC VENT CALCULATIONS

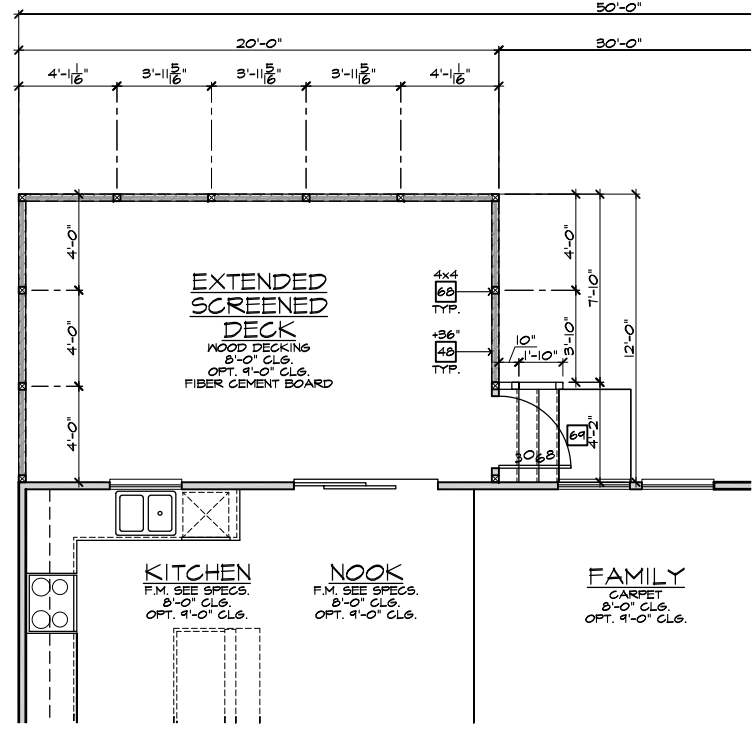
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 206.2)
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.
APPROXIMATE RIDGE VENT LOCATIONS SHOWN
ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA / MAIN:	VENTILATION REQUIRED:	SG. FT. / 500	8.24 SG. FT.
ATTIC AREA = 2488			
		X 144 =	1194 SQ. IN.
	TOTAL HIGH & LOW =		1194 SQ. IN.
	X 50% =		597 SQ. IN.

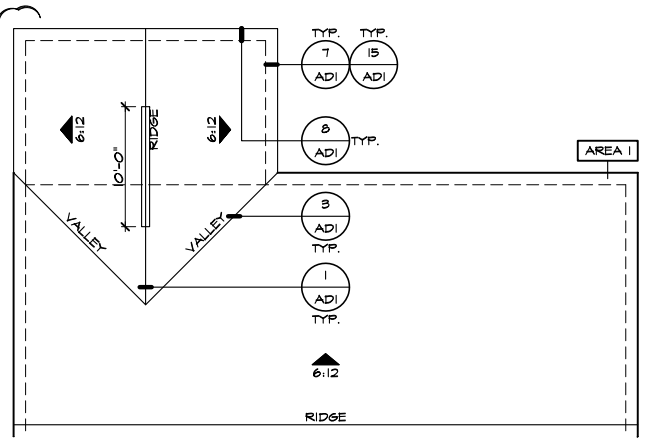
VENTILATION PROVIDED:	HIGH	LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	756 SQ. IN.
42	0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
		SUB-TOTAL HIGH VENTILATION:		756 SQ. IN.
		LOW		
104	0	LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	718 SQ. IN.
		ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
		TOTAL VENTILATION PROVIDED:		1474 SQ. IN.



PARTIAL CRAWL SPACE PLAN
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL ROOF PLAN
SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")

EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'B'
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- ROOF MATERIAL - REFER TO ROOF NOTES
 - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 - 6:1. FLASHING
 - 6:1. FLASHING & SADDLE/CRICKET
 - 6:1. DRIP SCREED
 - 24"x24" CHIMNEY
 - DECORATIVE VENT
 - DECORATIVE CORBEL
 - DECORATIVE SHUTTERS
 - PEDIMENT. SEE ELEVATION FOR TYPE
 - RECESSED EMENT
 - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 - TRIM PER SPEC- SEE ELEVATION FOR SIZE
 - SYNTHETIC MATERIAL
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - SHAKE SIDING
 - STONE VENEER PER SPECS
 - BRICK/MASONRY VENEER PER SPECS
 - BUILT UP BRICK COLUMN
 - SOLDIER COURSE
 - ROCKLOCK COURSE
 - FRIEZE BOARD
 - SIDING W/ 4" CORNER TRIM PER SPECS
 - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 - PRE-FAB DECORATIVE TRIM
 - LIGHT WEIGHT PRECAST STONE TRIM
 - P.T. LUMBER RAILINGS (36" U.N.O.)
 - WRAP
 - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
 - BRACKET OR KICKER - FYPON OR EQ.
 - ENTRY DOOR
 - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 - SECTIONAL GARAGE DOOR PER SPECS
 - ALUMINUM WRAP
 - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 - OPTIONAL STANDING SEAM METAL ROOF
 - KEYSTONE
 - SOLDIER CROWN
 - JACK SOLDIER COURSE
 - WATER TABLE
 - ATRIUM DOOR
 - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
 - WATER HEATER 'B' VENT TO OUTSIDE AIR
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - LINE OF WALL BELOW
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - MIN. PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - DBL. 2x4 WALL PER PLAN
 - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - FLAT SOFFIT
 - ARCHED SOFFIT
 - OPT. DOOR/ WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS
 - SECTIONAL GARAGE DOOR PER SPECS
 - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 - P.T. POST W/ WRAP.
 - EGRESS WINDOW
 - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

VENTILATION
NC2008/01/17/20 / KBA

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REVIEWED BY:
1. _____
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NOTE:
THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R409.
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R409.2.

NOTE:
REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

NOTE:
REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE:
REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

kb HOME

Harnett COUNTY MASTER SET

NORTH CAROLINA 50' SERIES

KB HOME
NORTH CAROLINA DIVISION
4518 S. MIAMI BLVD.
SUITE 180
DURHAM, NC 27703
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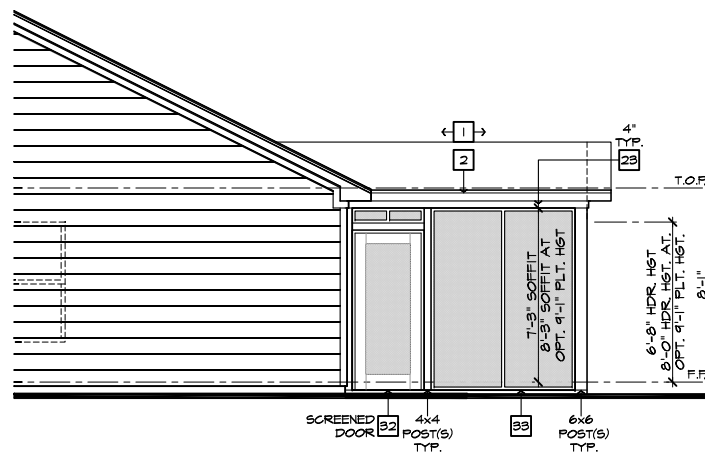
2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP
REVISIONS:

PLAN:
150.1773-R
SHEET:
8.B4

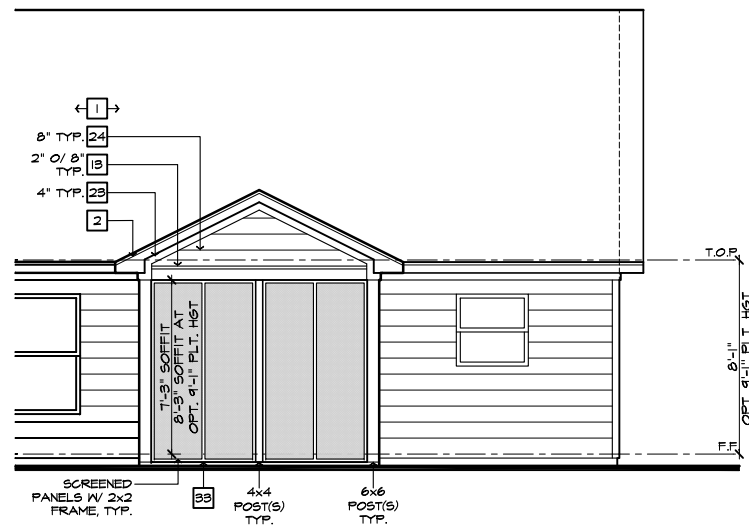
SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES

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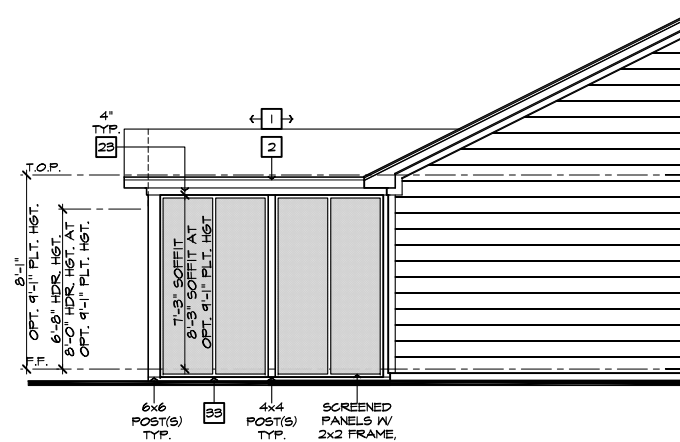
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

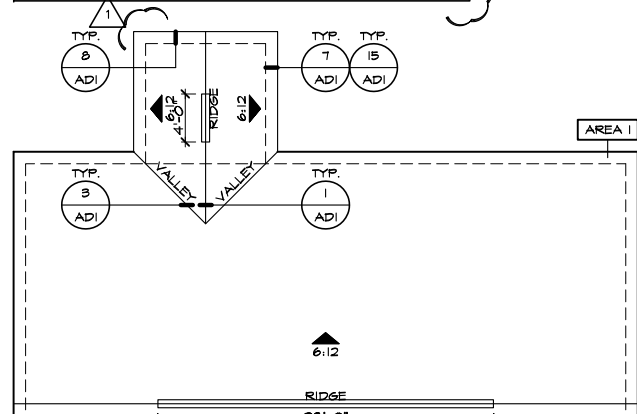
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

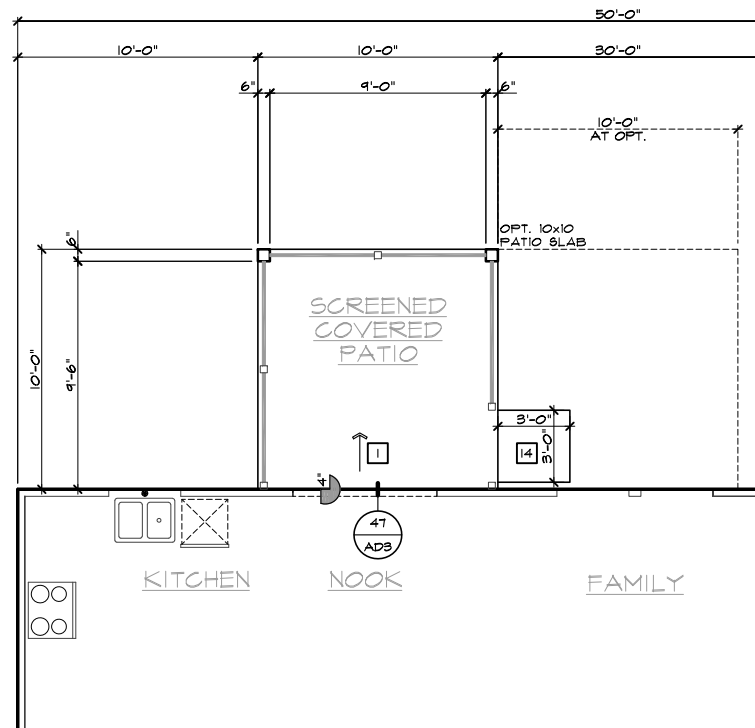
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'B'	
	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 206.2)	
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 1 MAIN:	
VENTILATION REQUIRED:	50 SQ. FT. / 300 = 1.67 SQ. FT.
ATTIC AREA = 2348	X 144 = 1127 SQ. IN.
	TOTAL HIGH & LOW = 1127 SQ. IN.
	X 50% = 564 SQ. IN.
VENTILATION PROVIDED:	
HIGH:	
80	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 684 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	684 SQ. IN.
LOW:	



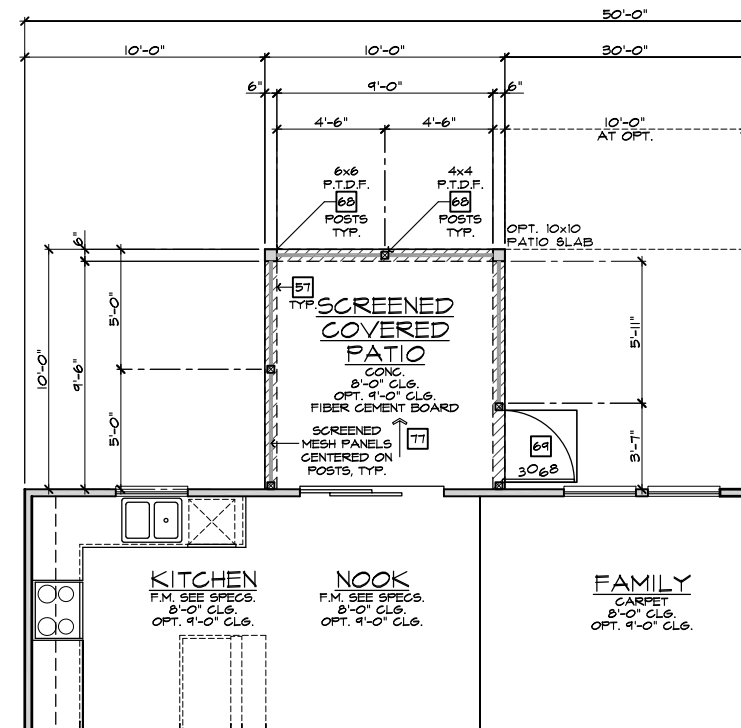
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

SCREENED-IN PATIO 'B'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK CURB
21.	SOLDIER COURSE
22.	ROCKLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS)
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
50.	MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	MIN. 2" PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DEL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/ WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST W/ WRAP.
70.	EGRESS WINDOW
75.	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7988 FAX: (919) 472-0582

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP
REVISIONS:



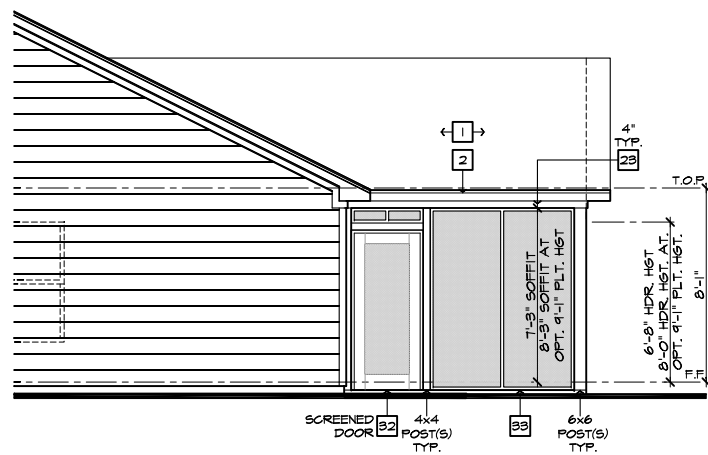
REVISIONS:
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PLAN: 150.1773-R

SHEET: 8.B5

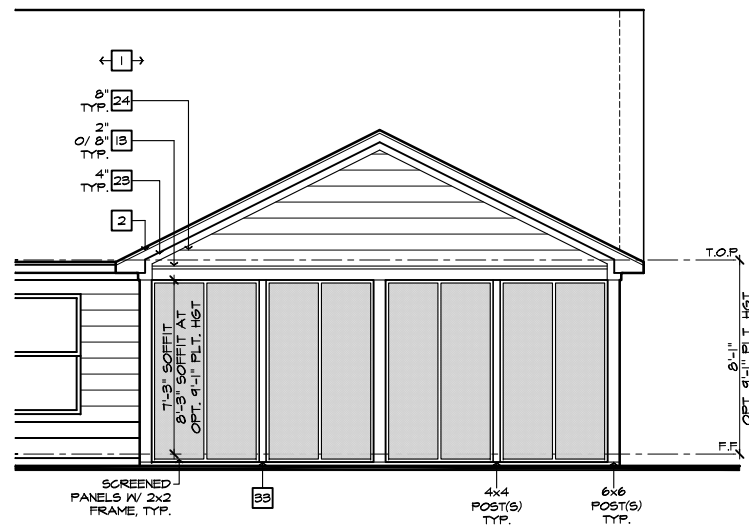
SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES

NOTE:	THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
NOTE:	THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.
NOTE:	REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
NOTE:	REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
NOTE:	REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



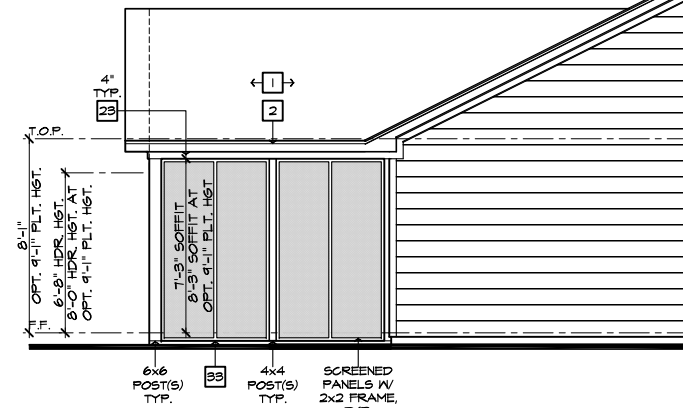
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

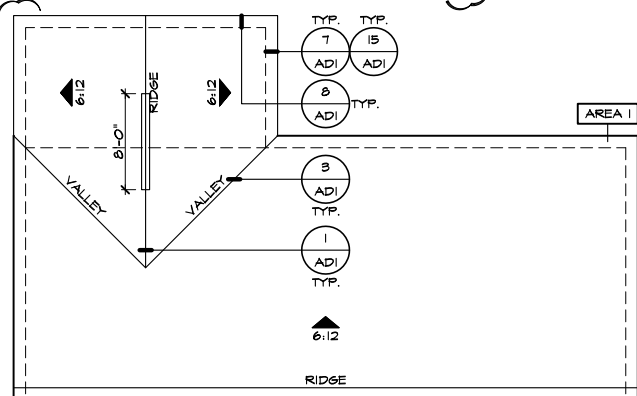
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

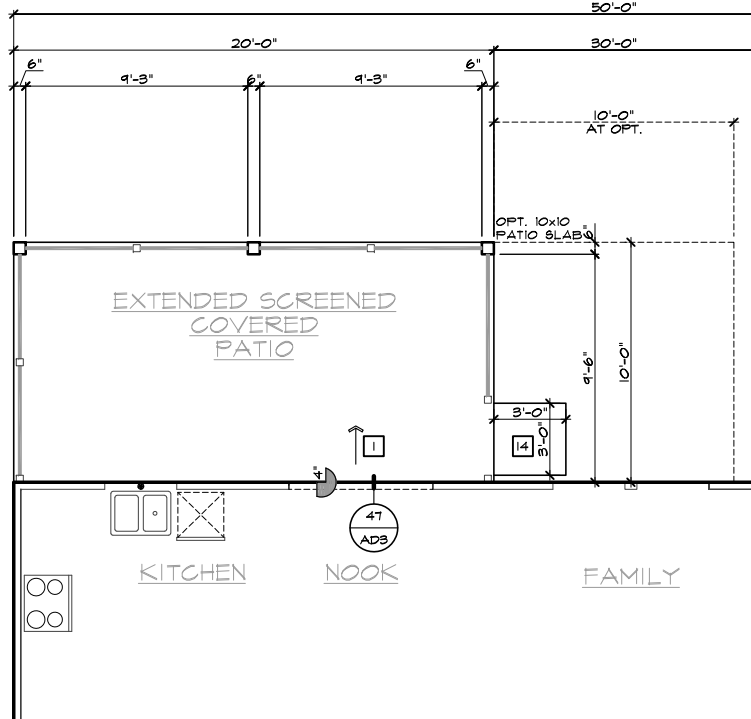
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'B'	
INDICATES ROOF SLOPE AND DIRECTION, U.N.O.	
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 806.2)	
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 1 / MAIN:	
VENTILATION REQUIRED:	
ATTIC AREA = 2448	500 SQ. FT. / 300
	816 SQ. FT.
	X 144 = 1175 SQ. IN.
	TOTAL HIGH & LOW = 1175 SQ. IN.
	X 50% = 588 SQ. IN.
VENTILATION PROVIDED:	
40	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 120 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION: 120 SQ. IN.	
102	LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 704 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED: 1424 SQ. IN.	



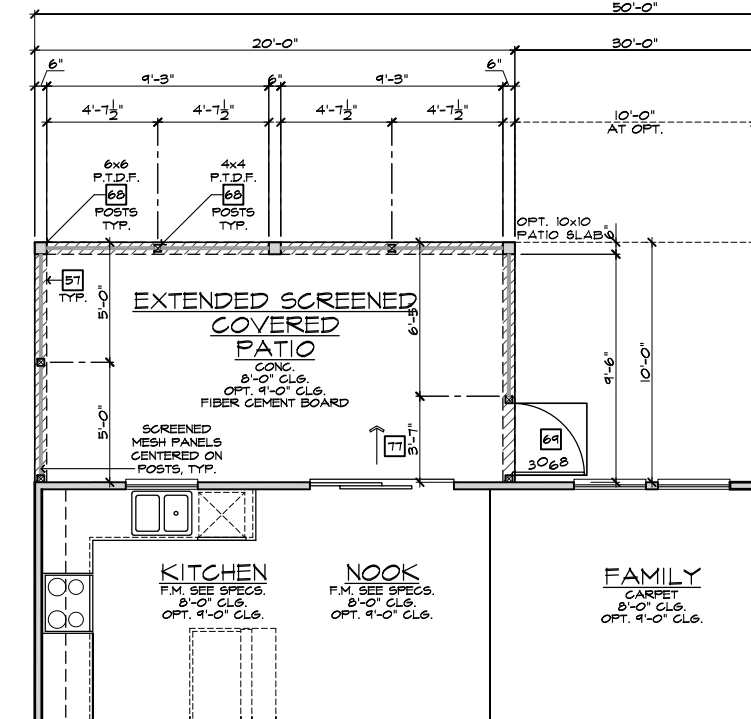
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

EXTENDED SCREENED-IN COVERED PATIO 'B'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- ROOF MATERIAL - REFER TO ROOF NOTES
 - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 - 6:1. FLASHING
 - 6:1. FLASHING & SADDLE/CRICKET
 - 6:1. DRIP SCREED
 - 24"x24" CHIMNEY
 - DECORATIVE VENT
 - DECORATIVE CORBEL
 - DECORATIVE SHUTTERS
 - PEDIMENT. SEE ELEVATION FOR TYPE
 - RECESSED ELEMENT
 - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 - TRIM PER SPEC- SEE ELEVATION FOR SIZE
 - SYNTHETIC MATERIAL
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - SHAKE SIDING
 - STONE VENEER PER SPECS
 - BRICK/MASONRY VENEER PER SPECS
 - BUILT UP BRICK COLUMN
 - SOLDIER COURSE
 - ROCKLOCK COURSE
 - FRIEZE BOARD
 - SIDING W/ 4" CORNER TRIM PER SPECS
 - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 - PRE-FAB DECORATIVE TRIM
 - LIGHT WEIGHT PRECAST STONE TRIM
 - P.T. LUMBER RAILINGS (#36" U.N.O.)
 - WRAP
 - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
 - BRACKET OR KICKER - FYPON OR EQ.
 - ENTRY DOOR
 - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 - SECTIONAL GARAGE DOOR PER SPECS
 - ALUMINUM WRAP
 - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 - OPTIONAL STANDING SEAM METAL ROOF
 - KEYSTONE
 - SOLDIER CROWN
 - JACK SOLDIER COURSE
 - WATER TABLE
 - ATRIUM DOOR
 - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS)
 - WATER HEATER 'B' VENT TO OUTSIDE AIR
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - LINE OF WALL BELOW
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - MIN. 2x4 HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - MIN. PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - DBL. 2x4 WALL PER PLAN
 - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - FLAT SOFFIT
 - ARCHED SOFFIT
 - OPT. DOOR/ WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS
 - SECTIONAL GARAGE DOOR PER SPECS
 - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE
 - NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH.
 - P.T. POST W/ WRAP.
 - EGRESS WINDOW
 - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

VENTILATION
NC2008NCP/ 01/17/20 / KBA

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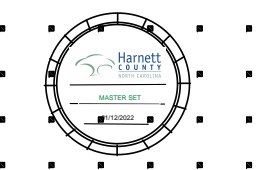
NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.

NOTE: THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

KB HOME
NORTH CAROLINA DIVISION
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2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
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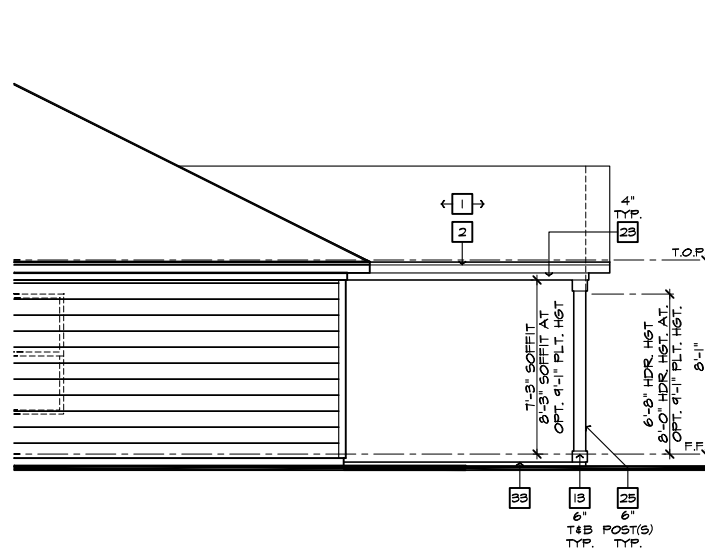
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PLAN: 150.1773-R
SHEET: 8.B6

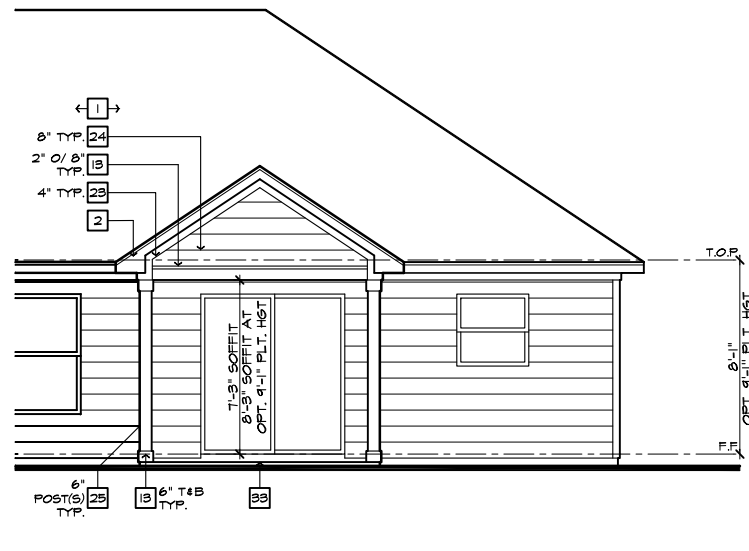
SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES

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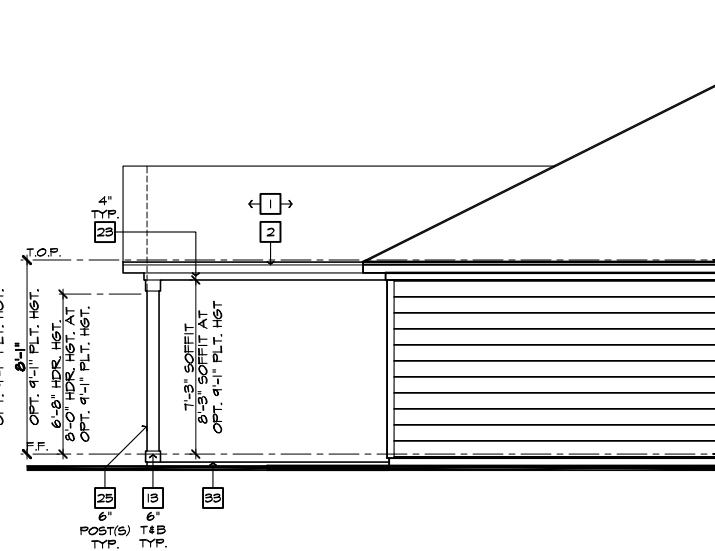
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'C'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

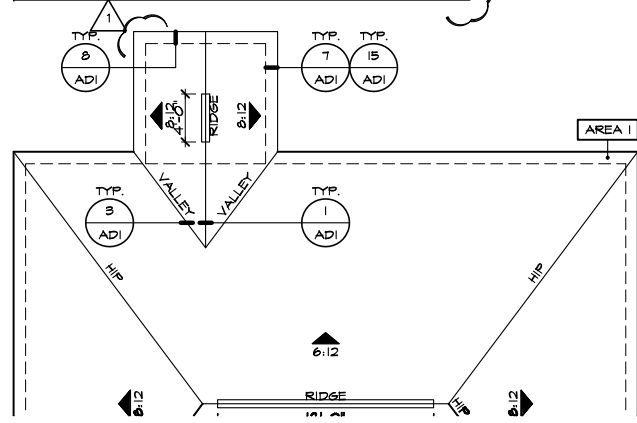
ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 806.2)
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

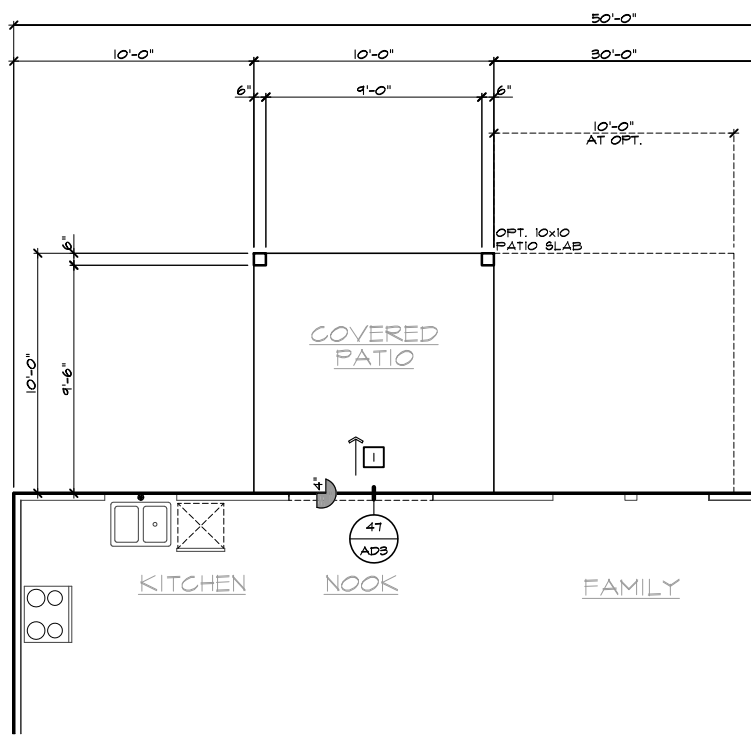
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA / MAIN:	SQ. FT. / 300	8,000 SQ. FT.
VENTILATION REQUIRED:		
ATTIC AREA = 2400	X 144 =	1152 SQ. IN.
	TOTAL HIGH & LOW =	1152 SQ. IN.
	X 50% =	576 SQ. IN.
VENTILATION PROVIDED:		
High		
89 LF RIDGE VENT(S) AT 18	SQ. IN. / LF. =	684 SQ. IN.
0 ROOF VENT(S) AT 50	SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:		684 SQ. IN.
Low		
100 LF VENTILATED SOFFIT AT 6.9	SQ. IN. / LF. =	640 SQ. IN.
0 ROOF VENT(S) AT 50	SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:		1324 SQ. IN.



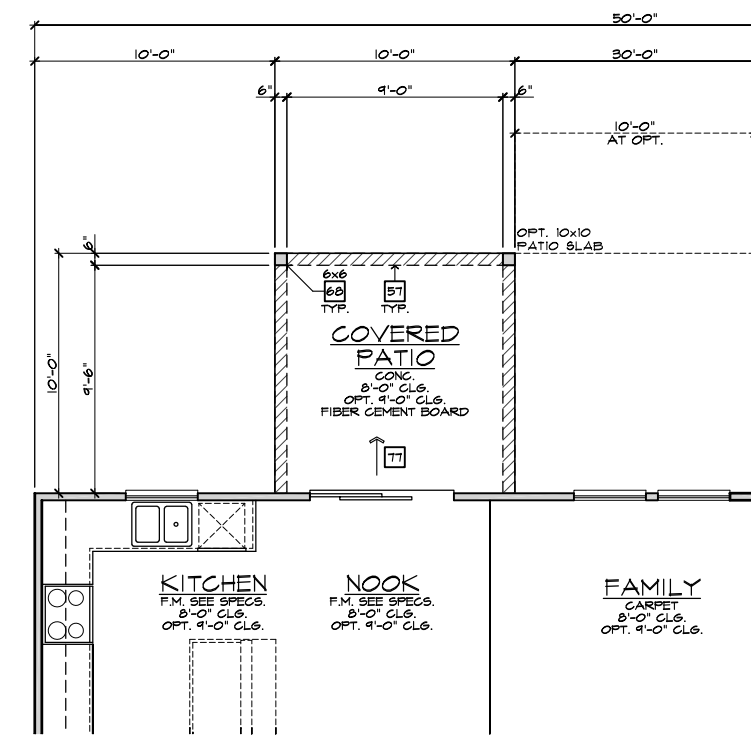
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

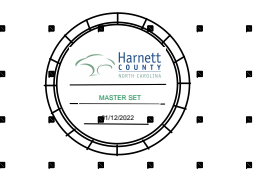
COVERED PATIO 'C'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- ROOF MATERIAL - REFER TO ROOF NOTES
 - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 - 6.1. FLASHING
 - 6.1. FLASHING & SADDLE/CRICKET
 - 6.1. DRIP SCREED
 - 24"x24" CHIMNEY
 - DECORATIVE VENT
 - DECORATIVE CORBEL
 - DECORATIVE SHUTTERS
 - PEDIMENT. SEE ELEVATION FOR TYPE
 - RECESSED ELEMENT
 - DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
 - TRIM PER SPEC- SEE ELEVATION FOR SIZE
 - SYNTHETIC MATERIAL
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - SHAKE SIDING
 - STONE VENEER PER SPECS
 - BRICK/MASONRY VENEER PER SPECS
 - BUILT UP BRICK COLUMN
 - SOLDIER COURSE
 - ROCKLOCK COURSE
 - FRIEZE BOARD
 - SIDING W/ 4" CORNER TRIM PER SPECS
 - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 - PRE-FAB DECORATIVE TRIM
 - LIGHT WEIGHT PRECAST STONE TRIM
 - P.T. LUMBER RAILINGS (+36" U.N.O.)
 - WRAP
 - DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE.
 - BRACKET OR KICKER - FYPYON OR EQ.
 - ENTRY DOOR
 - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 - SECTIONAL GARAGE DOOR PER SPECS
 - ALUMINUM WRAP
 - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 - OPTIONAL STANDING SEAM METAL ROOF
 - KEYSTONE
 - SOLDIER CROWN
 - JACK SOLDIER COURSE
 - WATER TABLE
 - ATRIUM DOOR
 - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS)
 - WATER HEATER 'B' VENT TO OUTSIDE AIR
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - LINE OF WALL BELOW
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - MIN. 36" PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - DEL. 2x4 WALL PER PLAN
 - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - FLAT SOFFIT
 - ARCHED SOFFIT
 - OPT. DOOR/ WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS
 - SECTIONAL GARAGE DOOR PER SPECS
 - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 - P.T. POST W/ WRAP.
 - EGRESS WINDOW
 - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 - CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
 - CONCRETE FOUNDATION PER STRUCTURAL.
 - CONCRETE STOOP: 8"x8" STANDARD SLOPE 1/4" PER FT. MIN.
 - CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
 - PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
 - 5" BRICK LEDGE FOR MASONRY VENEER.
 - 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 - REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 - VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
 - 4" MIN. @ 1/4" MAX. TO HARD SURFACE.
 - A/C PAD. VERIFY LOCATION.
 - 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



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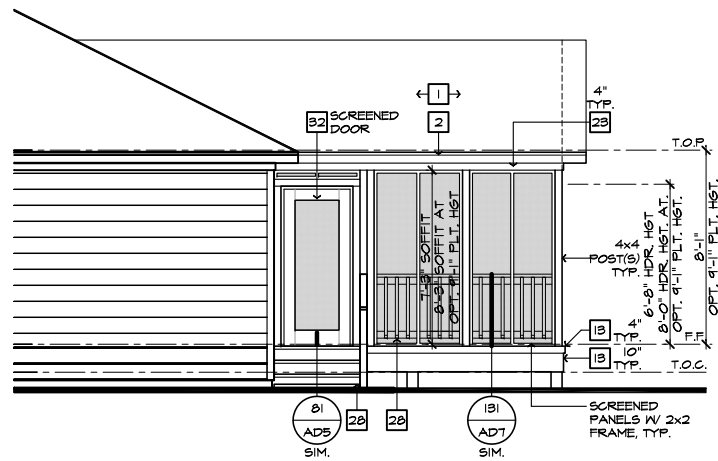
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PLAN: 150.1773-R
SHEET: 8.C1

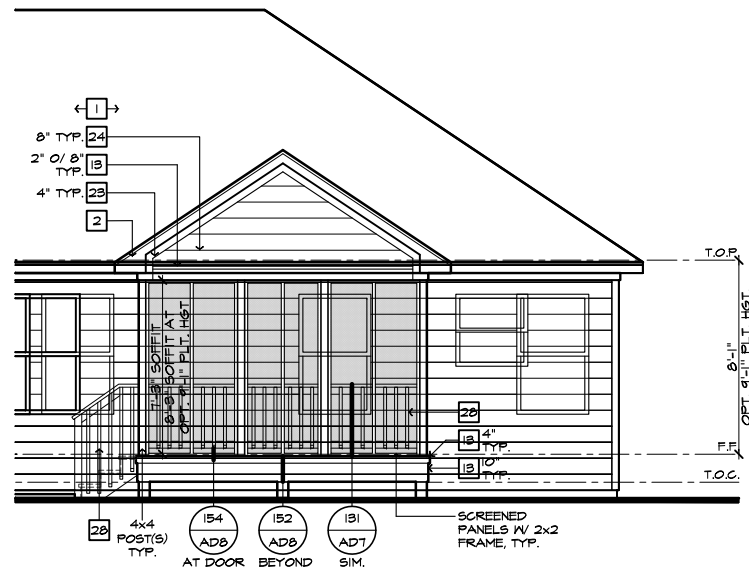
SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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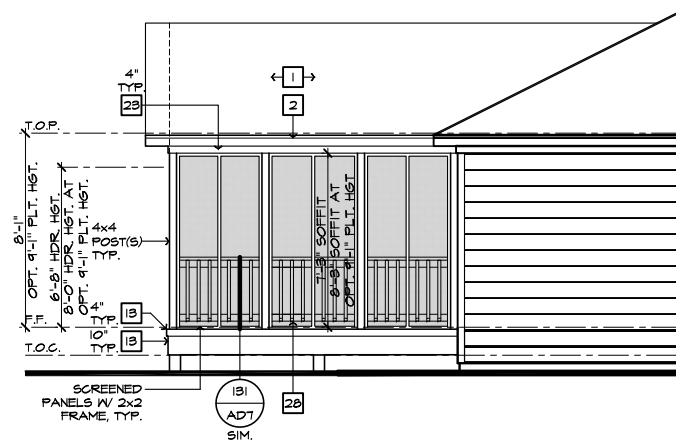
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

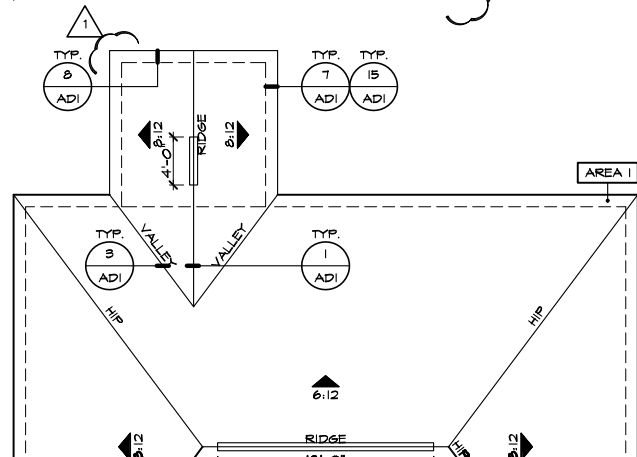
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

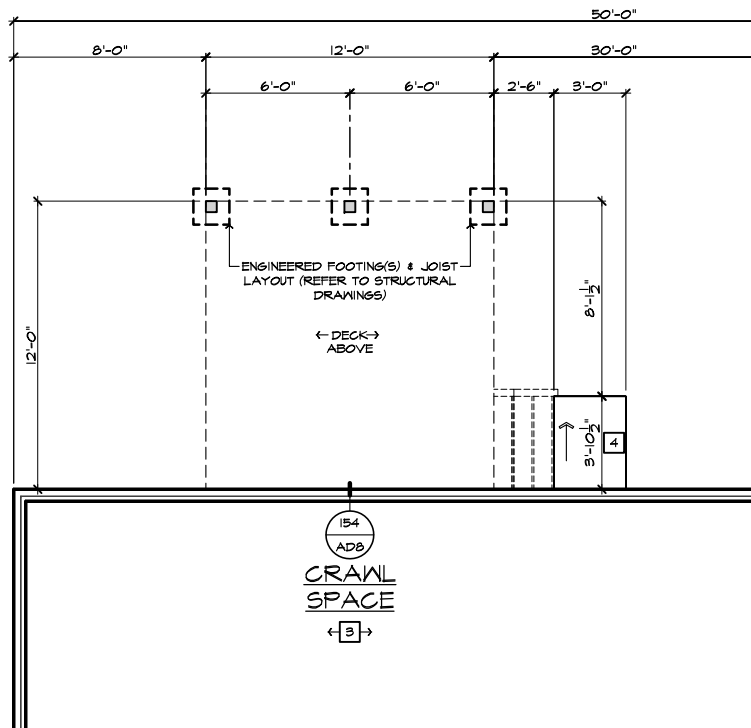
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'C'	
6:12	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS (LOW VENTING) (2018 NC-R 806.2)	
* CALCULATION BY 1/80, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 1 / MAIN:	
VENTILATION REQUIRED:	SQ. FT. / 300 8,000 SQ. FT.
ATTIC AREA = 2400	X 144 = 1152 SQ. IN.
	TOTAL HIGH & LOW = 1152 SQ. IN.
	X 50% = 576 SQ. IN.
VENTILATION PROVIDED:	
High:	
38 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. =	684 SQ. IN.
0 ROOF VENT(S) AT 50 SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	684 SQ. IN.
Low:	
100 LF VENTILATED SOFFIT AT 6.4 SQ. IN. / LF. =	640 SQ. IN.
0 ROOF VENT(S) AT 50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:	1324 SQ. IN.



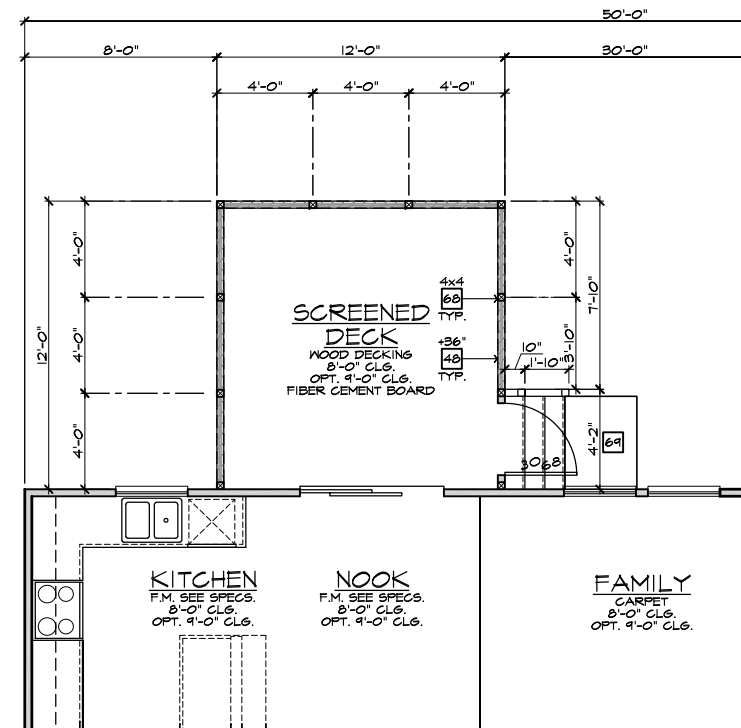
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL CRAWL SPACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

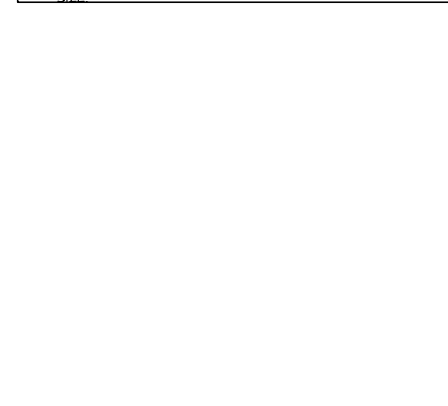
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

SCREENED-IN COVERED DECK AT CRAWL SPACE 'C'

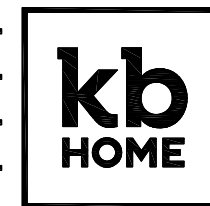
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- ROOF MATERIAL - REFER TO ROOF NOTES
 - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 - 6:1. FLASHING
 - 6:1. FLASHING & SADDLE/CRICKET
 - 6:1. DRIP SCREED
 - 24"x24" CHIMNEY
 - DECORATIVE VENT
 - DECORATIVE CORBEL
 - DECORATIVE SHUTTERS
 - PEDIMENT. SEE ELEVATION FOR TYPE
 - RECESSED ELEMENT
 - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 - TRIM PER SPEC- SEE ELEVATION FOR SIZE
 - SYNTHETIC MATERIAL
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - SHAKE SIDING
 - STONE VENEER PER SPECS
 - BRICK/MASONRY VENEER PER SPECS
 - BUILT UP BRICK COLUMN
 - SOLDIER COURSE
 - ROWLOCK COURSE
 - FRIEZE BOARD
 - SIDING W/ 4" CORNER TRIM PER SPECS
 - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 - PRE-FAB DECORATIVE TRIM
 - LIGHT WEIGHT PRECAST STONE TRIM
 - P.T. LUMBER RAILINGS (+36" U.N.O.)
 - WRAP
 - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
 - BRACKET OR KICKER - FYPON OR EQ.
 - ENTRY DOOR
 - CONCRETE STOOFF PORCH - SEE SLAB INTERFACE PLAN.
 - SECTIONAL GARAGE DOOR PER SPECS
 - ALUMINUM WRAP
 - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 - OPTIONAL STANDING SEAM METAL ROOF
 - KEYSTONE
 - SOLDIER CROWN
 - JACK SOLDIER COURSE
 - WATER TABLE
 - ATRIUM DOOR
 - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
 - WATER HEATER 'B' VENT TO OUTSIDE AIR
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - LINE OF WALL BELOW
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - MID. POST HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - AV. PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - DBL. 2x4 WALL PER PLAN
 - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - FLAT SOFFIT
 - ARCHED SOFFIT
 - OPT. DOOR/WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS
 - SECTIONAL GARAGE DOOR PER SPECS
 - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 - P.T. POST W/ WRAP.
 - EGRESS WINDOW
 - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



- NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
- NOTE: THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

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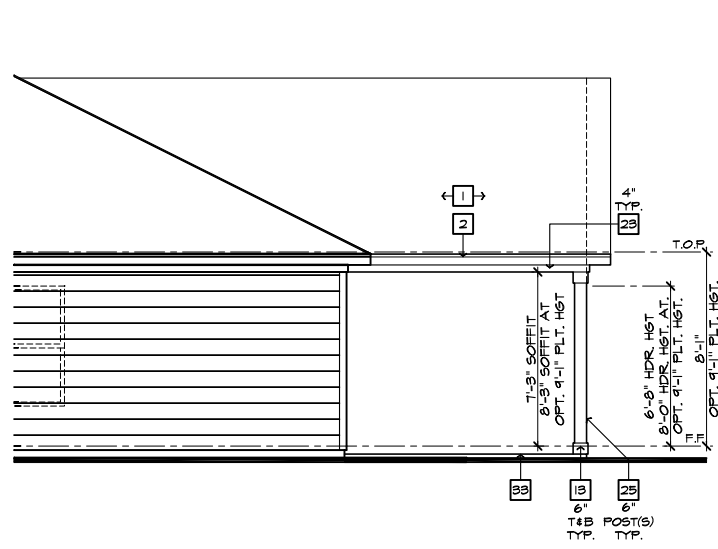


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PLAN: 150.1773-R

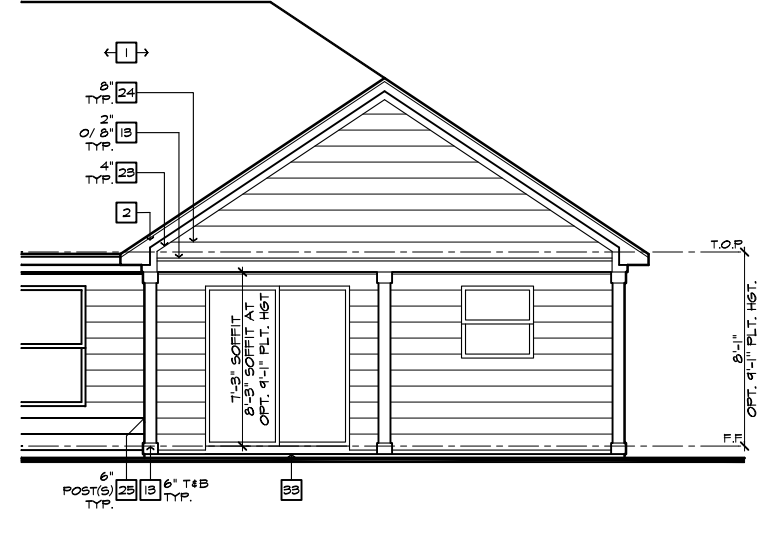
SHEET: 8.C2

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES



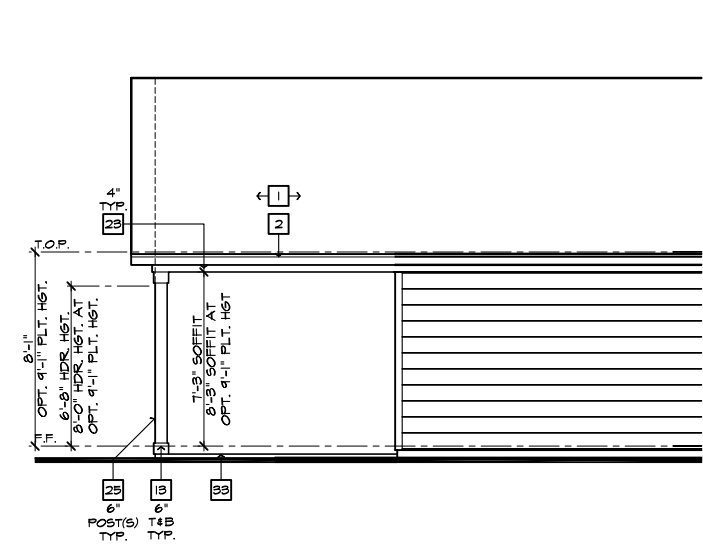
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'C'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

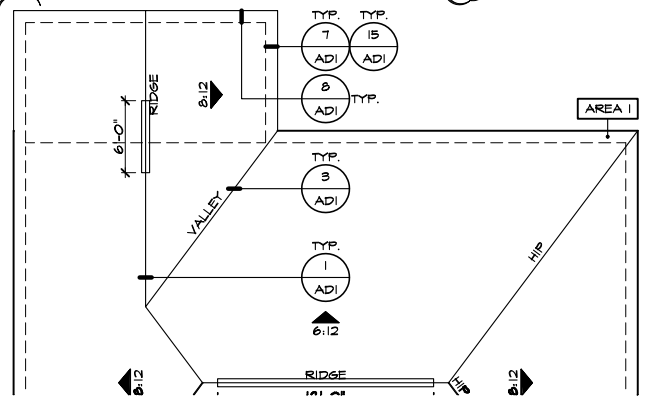
ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

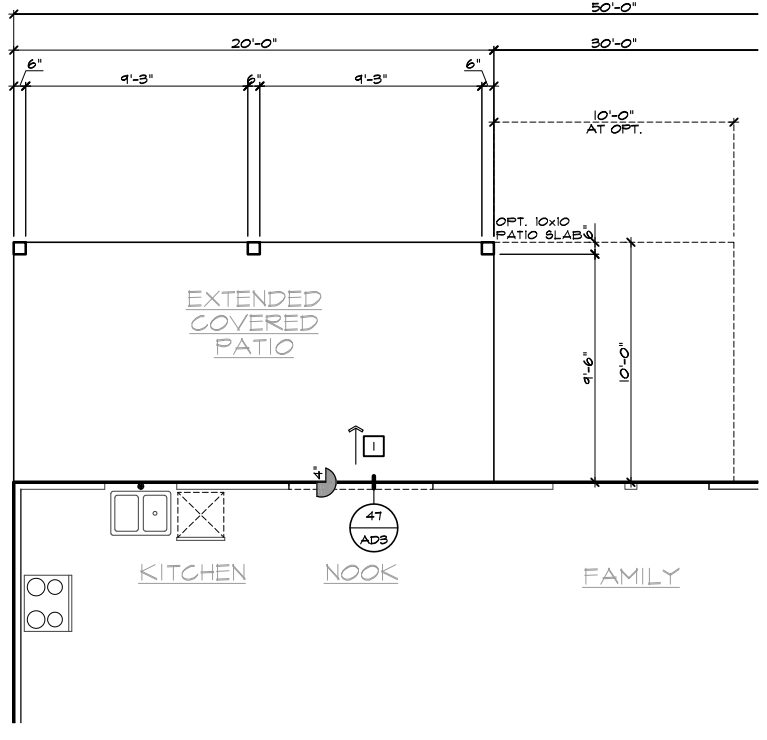
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 / MAIN:	
VENTILATION REQUIRED:	
ATTIC AREA = 2500	500 SQ. FT. / 300 = 8.33 SQ. FT. X 144 = 1200 SQ. IN.
	TOTAL HIGH & LOW = 1200 SQ. IN. X 50% = 600 SQ. IN.
VENTILATION PROVIDED:	
40 HIGH LF RIDGE VENT(S) AT	18 SQ. IN. / LF. = 720 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	720 SQ. IN.
104 LOW LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. = 718 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED:	1438 SQ. IN.



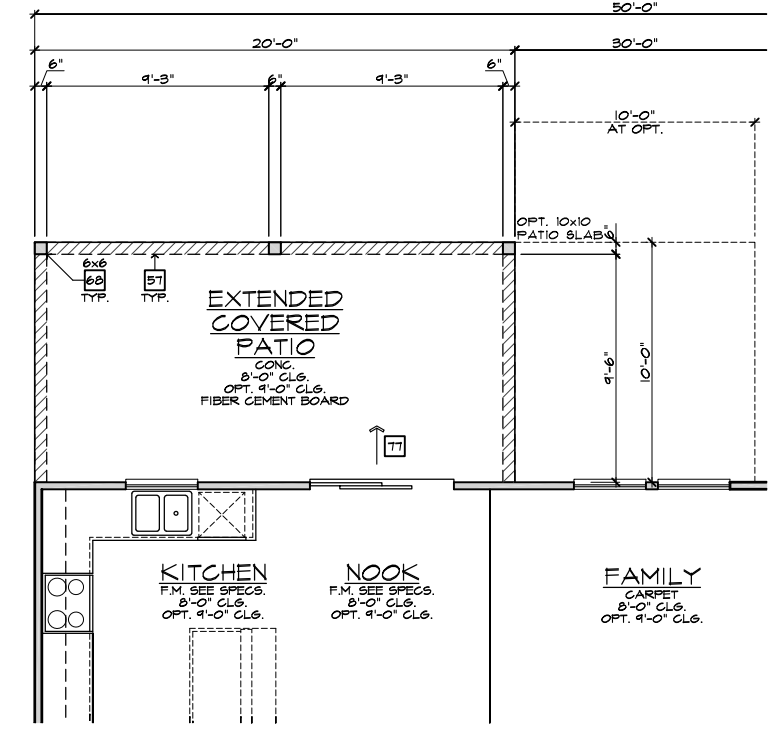
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

EXTENDED COVERED PATIO 'C'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

- ROOF MATERIAL - REFER TO ROOF NOTES
- 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 6:12 FLASHING
- 6:12 FLASHING & SADDLE/CRICKET
- 6:12 DRIP SCREED
- 24"x24" CHIMNEY
- DECORATIVE VENT
- DECORATIVE CORBEL
- DECORATIVE SHUTTERS
- PEDIMENT. SEE ELEVATION FOR TYPE
- RECESSED ELEMENT
- DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
- TRIM PER SPEC- SEE ELEVATION FOR SIZE
- SYNTHETIC MATERIAL
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
- SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
- SHAKE SIDING
- STONE VENEER PER SPECS
- BRICK/MASONRY VENEER PER SPECS
- BUILT UP BRICK COLUMN
- SOLDIER COURSE
- ROCKLOCK COURSE
- FRIEZE BOARD
- SIDING W/ 4" CORNER TRIM PER SPECS
- P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
- PRE-FAB DECORATIVE TRIM
- LIGHT WEIGHT PRECAST STONE TRIM
- P.T. LUMBER RAILINGS (+36" U.N.O.)
- WRAP
- DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE.
- SOLDIER COURSE
- BRACKET OR KICKER - FYPYON OR EQ.
- ENTRY DOOR
- CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
- SECTIONAL GARAGE DOOR PER SPECS
- ALUMINUM WRAP
- OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
- OPTIONAL STANDING SEAM METAL ROOF
- KEYSTONE
- SOLDIER CROWN
- JACK SOLDIER COURSE
- WATER TABLE
- ATRIUM DOOR
- PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
- WATER HEATER 8" VENT TO OUTSIDE AIR
- MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
- LINE OF WALL BELOW
- LINE OF FLOOR ABOVE
- LINE OF FLOOR BELOW
- MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
- MIN. PAD LOCATION
- LOW WALL - REFER TO PLAN FOR HEIGHT
- 2x6 STUD WALL
- DEL. 2x4 WALL PER PLAN
- INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
- FLAT SOFFIT
- ARCHED SOFFIT
- OPT. DOOR/WINDOW
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
- BRICK / STONE VENEER - REFER TO ELEVATIONS
- SECTIONAL GARAGE DOOR PER SPECS
- 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE
- NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH.
- P.T. POST W/ WRAP
- EGRESS WINDOW
- WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
- SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
- CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

SLAB PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

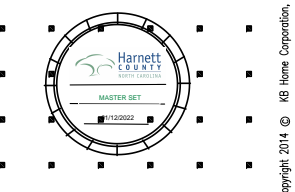
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
- CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER FT. MIN. TOWARD DOOR OPENING.
- CONCRETE FOUNDATION PER STRUCTURAL.
- CONCRETE STOOP: 8"x8" STANDARD SLOPE 1/4" PER FT. MIN.
- CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
- PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
- 5" BRICK LEDGE FOR MASONRY VENEER.
- 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
- REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
- VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
- 4" MIN. 8 1/4" MAX. TO HARD SURFACE.
- A/C PAD. VERIFY LOCATION.
- 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7988 FAX: (919) 472-0582

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP
REVISIONS:



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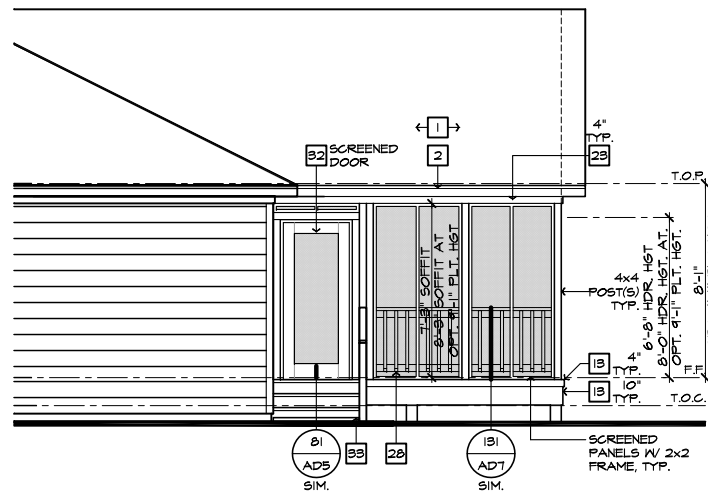
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PLAN: 150.1773-R
SHEET: 8.C3

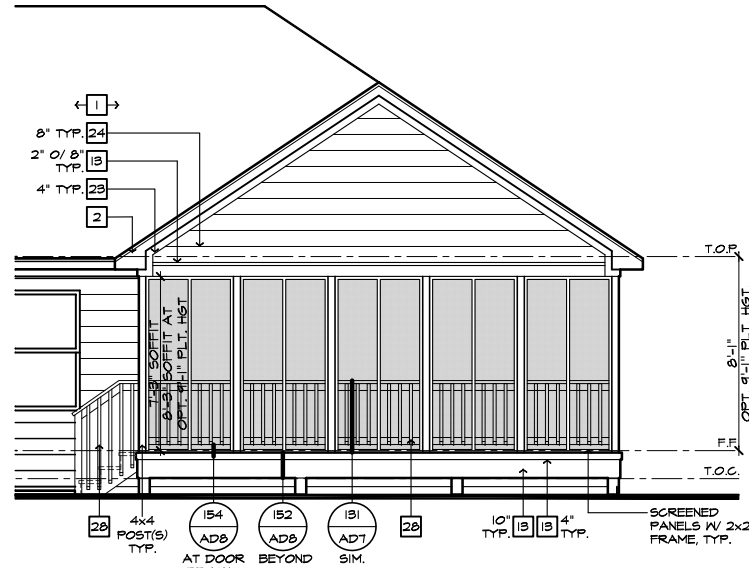
SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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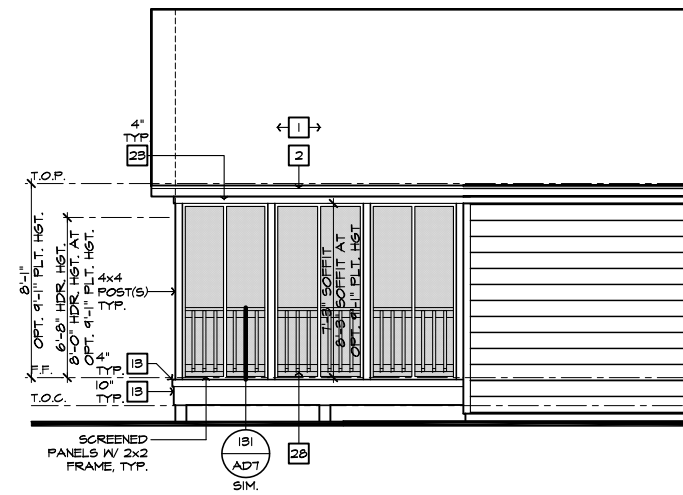
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')



PARTIAL REAR ELEVATION

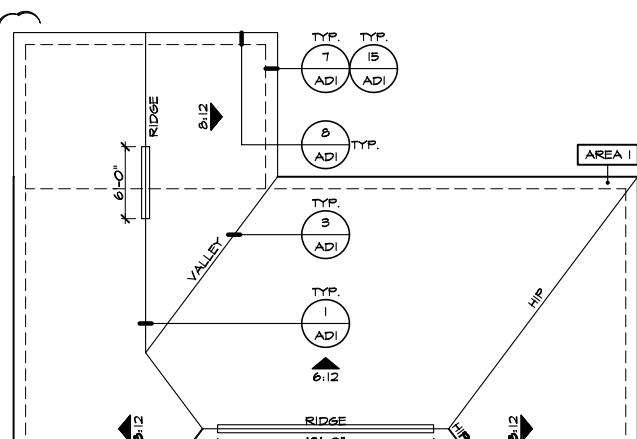
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')



PARTIAL LEFT ELEVATION

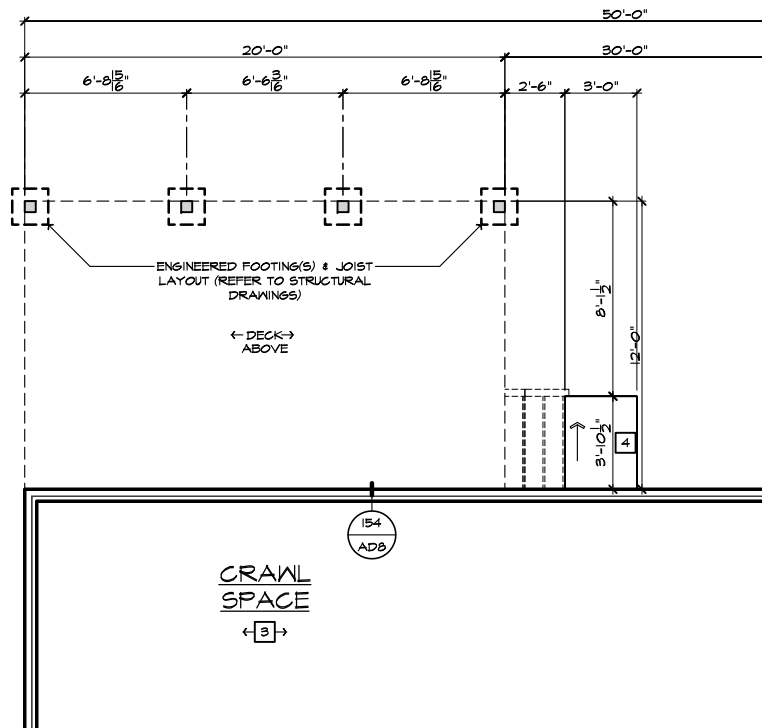
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

ROOF PLAN NOTES 'C'	
	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS (LOW VENTING) (2018 NC-R 900.2)	
* CALCULATION BY 1/160, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 1 / MAIN	
VENTILATION REQUIRED:	
ATTIC AREA = 2500	SG. FT. / 300 = 8.33 SQ. FT.
	X 144 = 1200 SQ. IN.
	TOTAL HIGH & LOW = 1200 SQ. IN.
	X 50% = 600 SQ. IN.
VENTILATION PROVIDED:	
High	
40	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 720 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION: 720 SQ. IN.	
Low	
104	LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 718 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED: 1438 SQ. IN.	



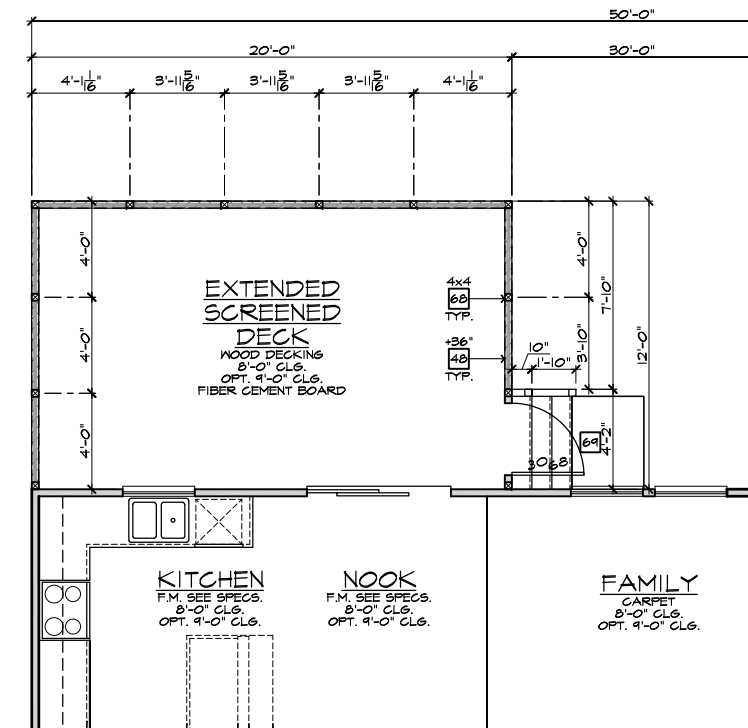
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17')



PARTIAL CRAWL SPACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

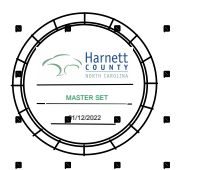


PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- ROOF MATERIAL - REFER TO ROOF NOTES
 - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 - 6.1. FLASHING
 - 6.1. FLASHING & SADDLE/CRICKET
 - 6.1. DRIP SCREED
 - 24"x24" CHIMNEY
 - DECORATIVE VENT
 - DECORATIVE CORBEL
 - DECORATIVE SHUTTERS
 - PEDIMENT. SEE ELEVATION FOR TYPE
 - RECESSED ELEMENT
 - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 - TRIM PER SPEC- SEE ELEVATION FOR SIZE
 - SYNTHETIC MATERIAL
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - SHAKE SIDING
 - STONE VENEER PER SPECS
 - BRICK/MASONRY VENEER PER SPECS
 - BUILT UP BRICK COLUMN
 - SOLDIER COURSE
 - ROWLOCK COURSE
 - FRIEZE BOARD
 - SIDING W/ 4" CORNER TRIM PER SPECS
 - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 - PRE-FAB DECORATIVE TRIM
 - LIGHT WEIGHT PRECAST STONE TRIM
 - P.T. LUMBER RAILINGS (36" U.N.O.)
 - WRAP
 - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 - BRACKET OR KICKER - FYPON OR EQ.
 - ENTRY DOOR
 - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 - SECTIONAL GARAGE DOOR PER SPECS
 - ALUMINUM WRAP
 - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 - OPTIONAL STANDING SEAM METAL ROOF
 - KEYSTONE
 - SOLDIER CROWN
 - JACK SOLDIER COURSE
 - WATER TABLE
 - ATRIUM DOOR
 - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
 - WATER HEATER 'B' VENT TO OUTSIDE AIR
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - LINE OF WALL BELOW
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - MIN. PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - DBL. 2x4 WALL PER PLAN
 - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - FLAT SOFFIT
 - ARCHED SOFFIT
 - OPT. DOOR/ WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS
 - SECTIONAL GARAGE DOOR PER SPECS
 - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 - P.T. POST W/ WRAP.
 - EGRESS WINDOW
 - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



NORTH CAROLINA 50' SERIES

KB HOME
NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD.
SUITE 180
DURHAM, NC 27703
TEL: (919) 768-7988
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2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP
REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

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PLAN: 150.1773-R
SHEET: 8.C4

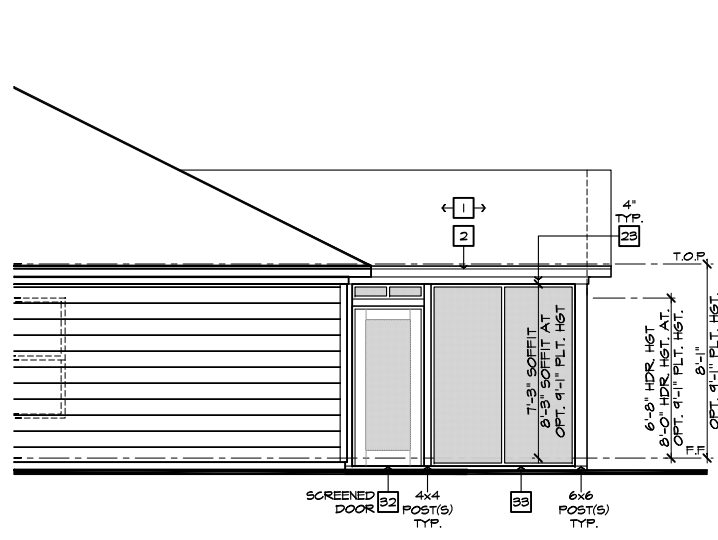
SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES

EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'C'

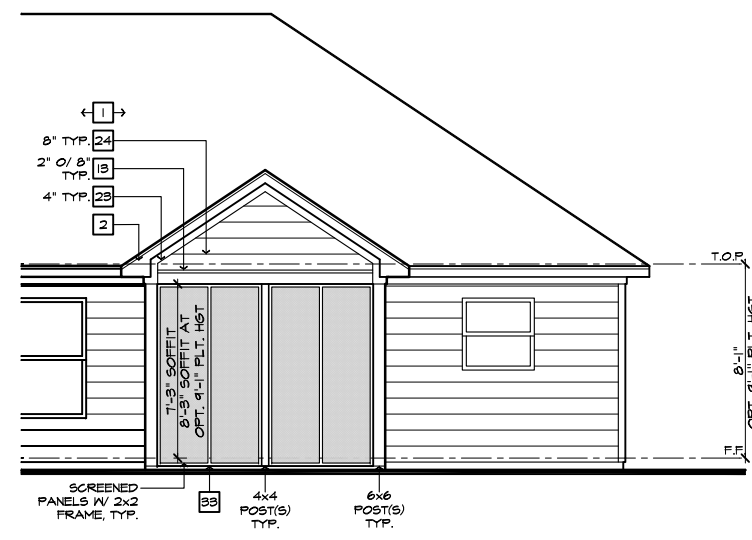
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

- NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
- NOTE: THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

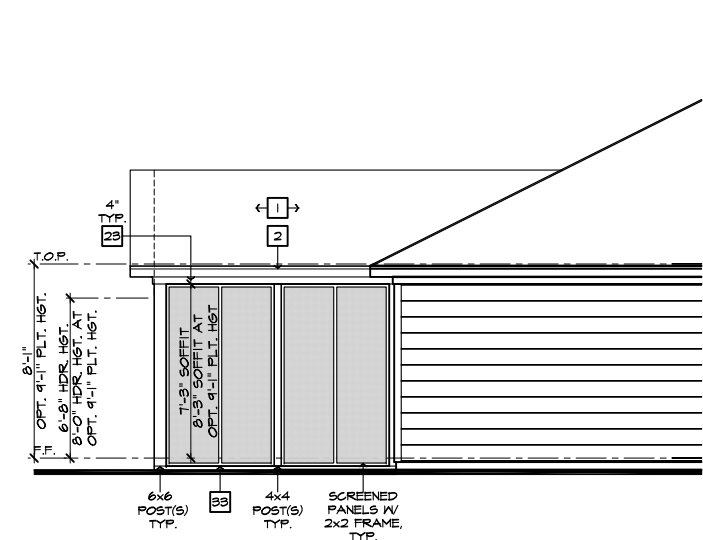
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PARTIAL RIGHT ELEVATION
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



PARTIAL REAR ELEVATION
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



PARTIAL LEFT ELEVATION
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

ROOF PLAN NOTES 'C'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

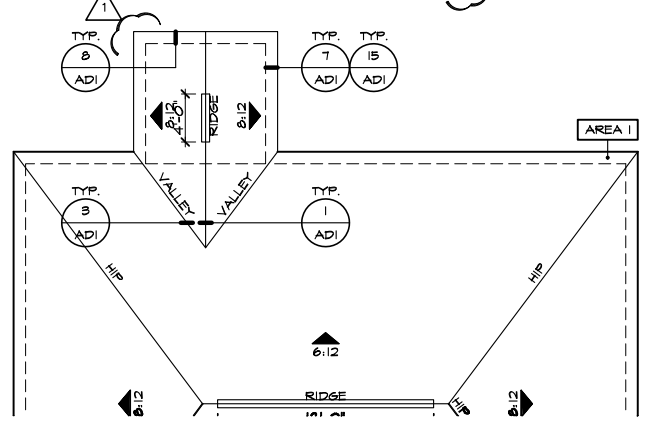
ATTIC VENT CALCULATIONS

PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 806.2)
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

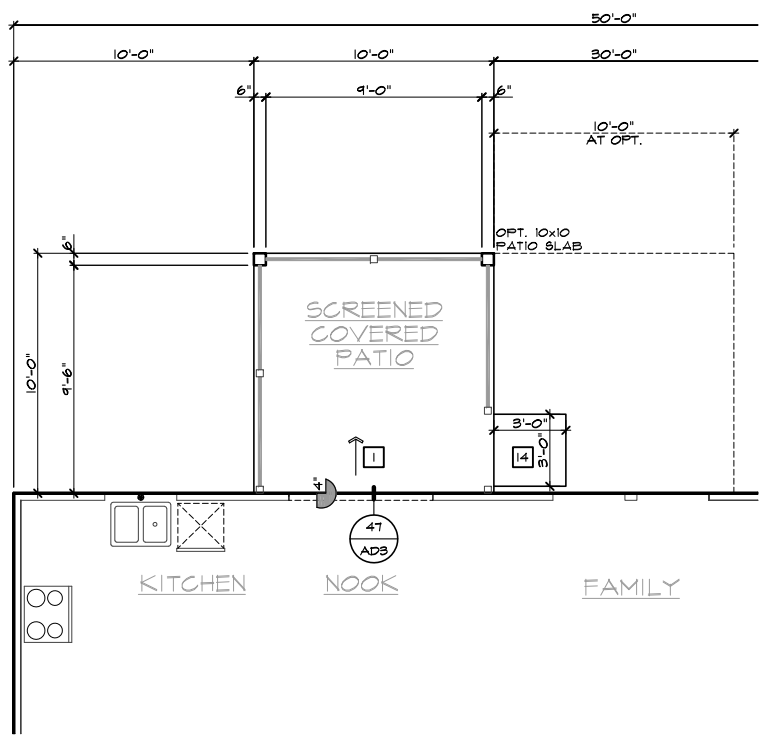
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 / MAIN:
VENTILATION REQUIRED:
ATTIC AREA = 2400 SQ. FT. / 300 8,000 SQ. FT. X 144 = 1152 SQ. IN. TOTAL HIGH & LOW = 1152 SQ. IN. X 50% = 576 SQ. IN.

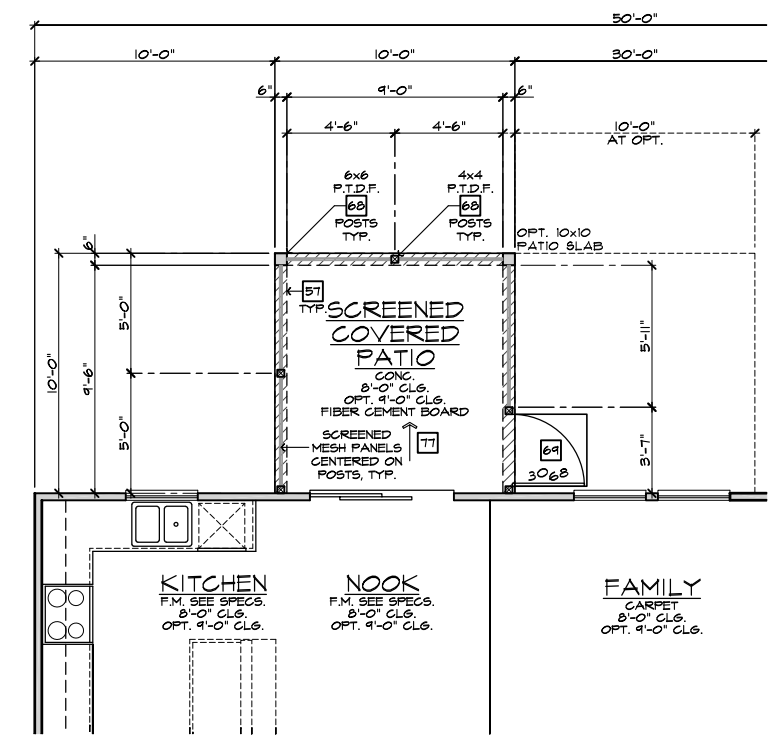
VENTILATION PROVIDED:
HIGH:
8" LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 684 SQ. IN.
0" ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION: 684 SQ. IN. (LQ1)



PARTIAL ROOF PLAN
SCALE 1/8"=1'-0" (22"X34") - 1/16"=1'-0" (11"X17")



PARTIAL SLAB INTERFACE PLAN
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



PARTIAL FIRST FLOOR PLAN
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

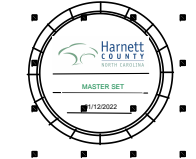
SCREENED-IN PATIO 'C'
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6:1. FLASHING
 4. 6:1. FLASHING & SADDLE/CRICKET
 5. 6:1. DRIP SCREED
 6. 24"X24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. RONLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (#36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS)
 28. WATER HEATER 'B' VENT TO OUTSIDE AIR VALVE
 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 39. LINE OF WALL BELOW
 41. LINE OF FLOOR ABOVE
 42. LINE OF FLOOR BELOW
 50. MIN. 1" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 50. MIN. PAD LOCATION
 51. LOW WALL - REFER TO PLAN FOR HEIGHT
 52. 2x6 STUD WALL
 54. DEL. 2x4 WALL PER PLAN
 55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 57. FLAT SOFFIT
 58. ARCHED SOFFIT
 60. OPT. DOOR/ WINDOW
 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 62. BRICK / STONE VENEER - REFER TO ELEVATIONS
 63. SECTIONAL GARAGE DOOR PER SPECS
 66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 68. P.T. POST W/ WRAP.
 70. EGRESS WINDOW
 75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



- NOTE:**
THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.
- NOTE:**
REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE:**
REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE:**
REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

KB HOME
NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD.
SUITE 180
DURHAM, NC 27703
TEL: (919) 768-7988
FAX: (919) 472-0582

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP

REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

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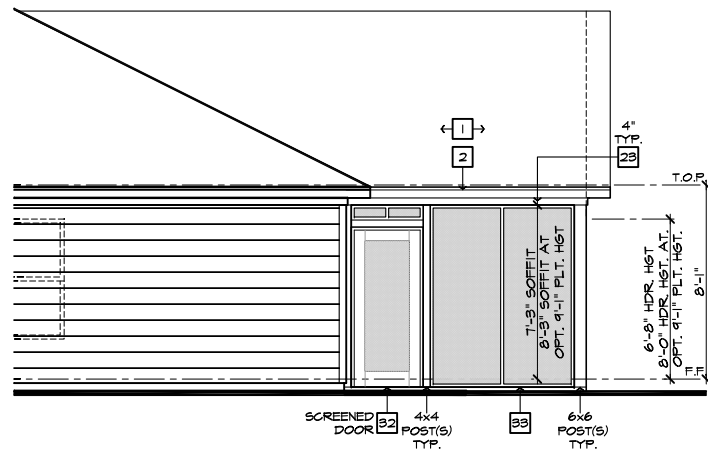
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PLAN: 150.1773-R
SHEET: 8.C5

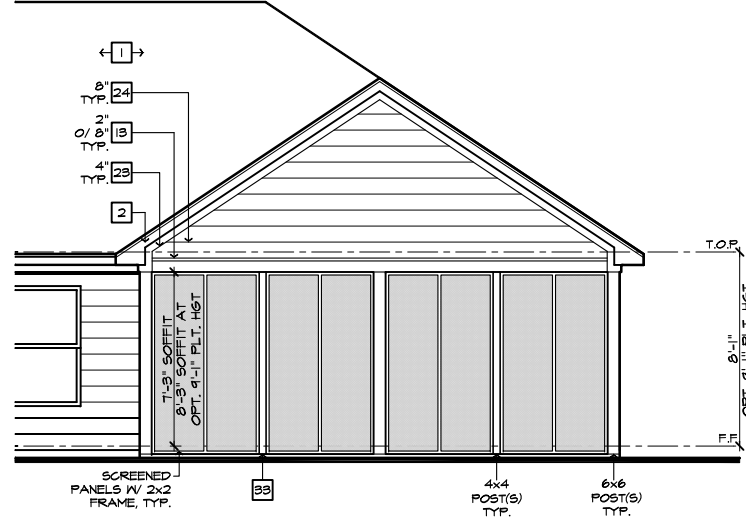
SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES

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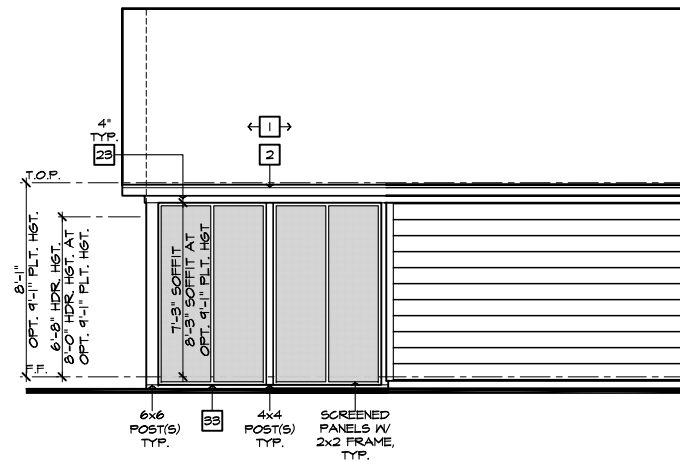
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17")



PARTIAL REAR ELEVATION

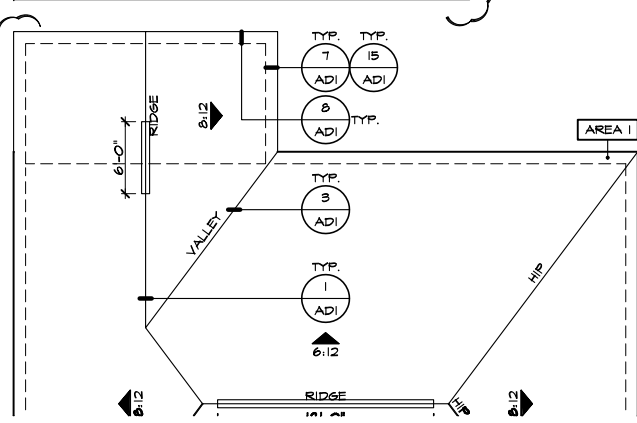
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PARTIAL LEFT ELEVATION

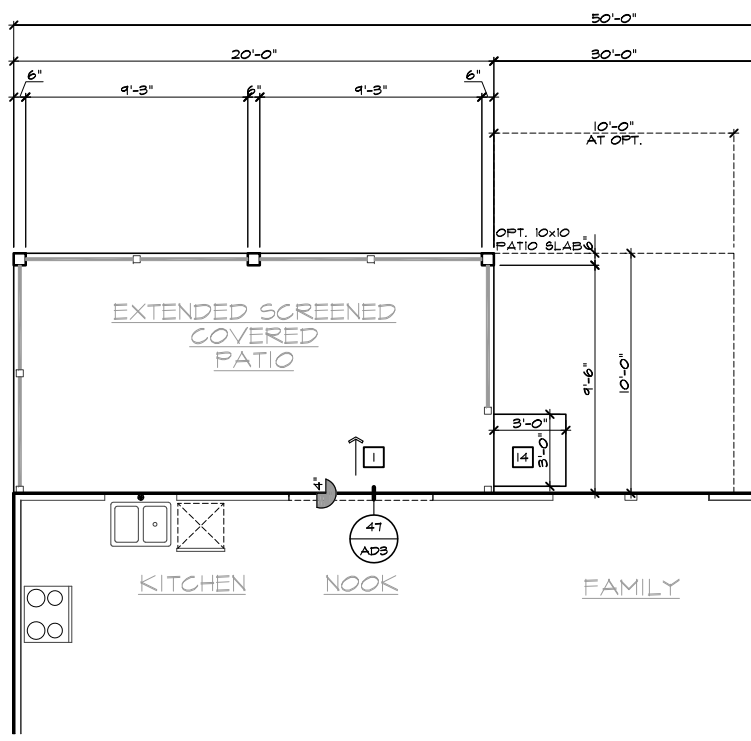
SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17")

ROOF PLAN NOTES 'C'			
 INDICATES ROOF SLOPE AND DIRECTION, U.N.O.			
ROOF MATERIAL: COMPOSITION SHINGLE 12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O. LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.			
ATTIC VENT CALCULATIONS PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, LOW VENTING) (2018 NC-R 806.2) * CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.			
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.			
AREA 1 / MAIN: VENTILATION REQUIRED: ATTIC AREA = 2500 SQ. FT. / 300 = 8.33 SQ. FT. X 144 = 1200 SQ. IN. TOTAL HIGH & LOW = 1200 SQ. IN. X 50% = 600 SQ. IN.			
VENTILATION PROVIDED: HIGH: 40 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 720 SQ. IN. 0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN. SUB-TOTAL HIGH VENTILATION: 720 SQ. IN. LOW: 104 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 718 SQ. IN. 0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN. TOTAL VENTILATION PROVIDED: 1438 SQ. IN.			



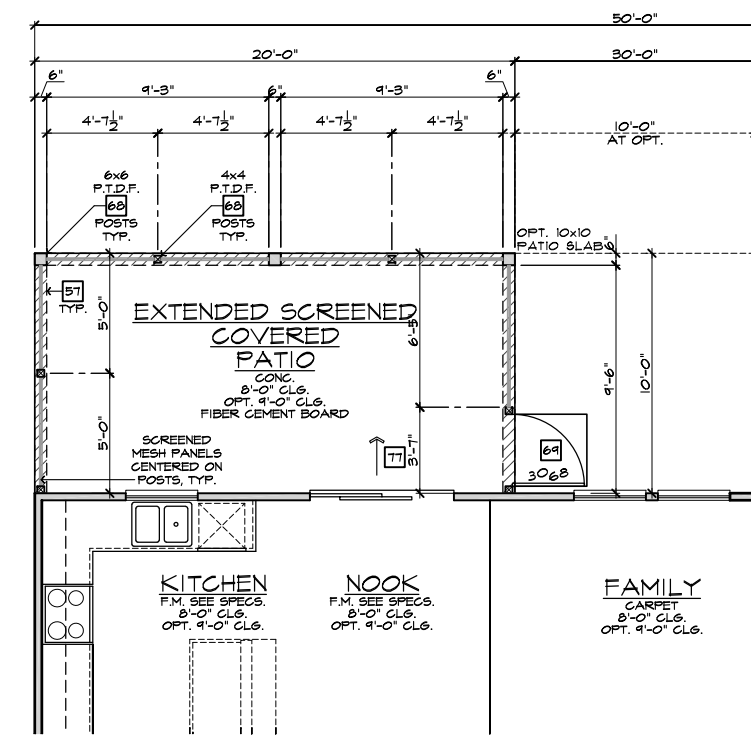
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'X34") - 1/16"=1'-0" (11'X17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17")

EXTENDED SCREENED-IN COVERED PATIO 'C'

SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17")

# ELEVATION NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6:1. FLASHING
4.	6:1. FLASHING & SADDLE/CRICKET
5.	6:1. DRIP SCREED
6.	24"X24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOFF/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

# PARTIAL PLAN NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER 8" VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
50.	MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	MIN. PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DBL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST W/ WRAP.
75.	EGRESS WINDOW
75.	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

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PLAN: 150.1773-R
SHEET: 8.C6

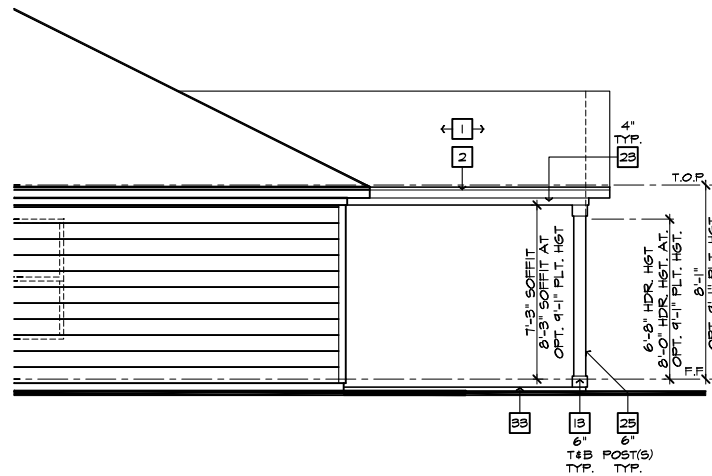
SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES

NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

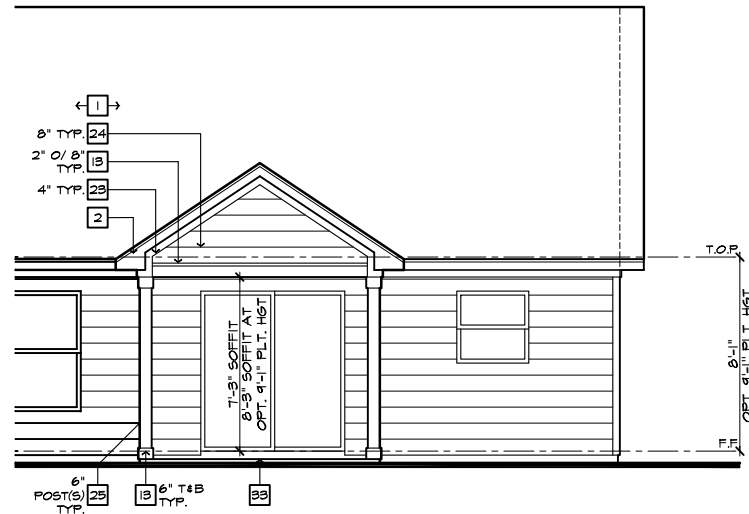
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



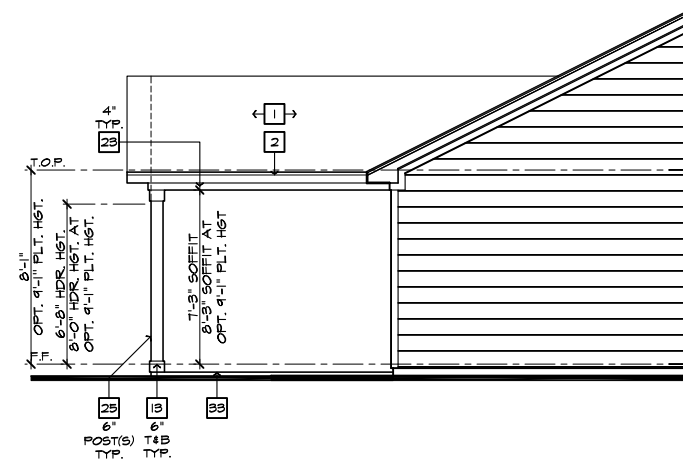
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6" FLASHING
 4. 6" FLASHING & SADDLE/GRICKET
 5. 6" DRIP SCREED
 6. 24"x24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROWLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE

ROOF PLAN NOTES 'D'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.

6:12

ROOF MATERIAL: COMPOSITION SHINGLE

12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.

12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.

LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

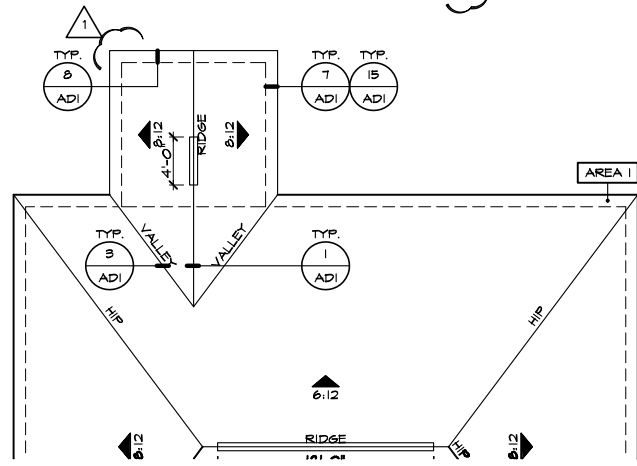
ATTIC VENT CALCULATIONS

PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)

* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

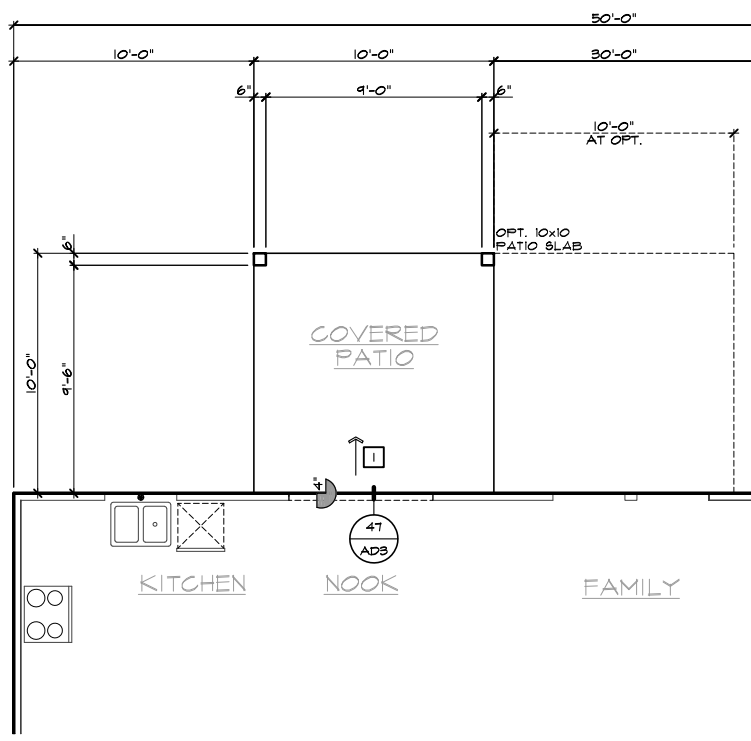
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 MAIN:	
VENTILATION REQUIRED:	
ATTIC AREA = 2426	SQ. FT. / 300 = 8.09 SQ. FT.
	X 144 = 1164 SQ. IN.
	TOTAL HIGH & LOW = 1164 SQ. IN.
	x 50% = 582 SQ. IN.
VENTILATION PROVIDED:	
HIGH:	
30	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 684 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	684 SQ. IN.
LOW:	
48	LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 676 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED:	1360 SQ. IN.



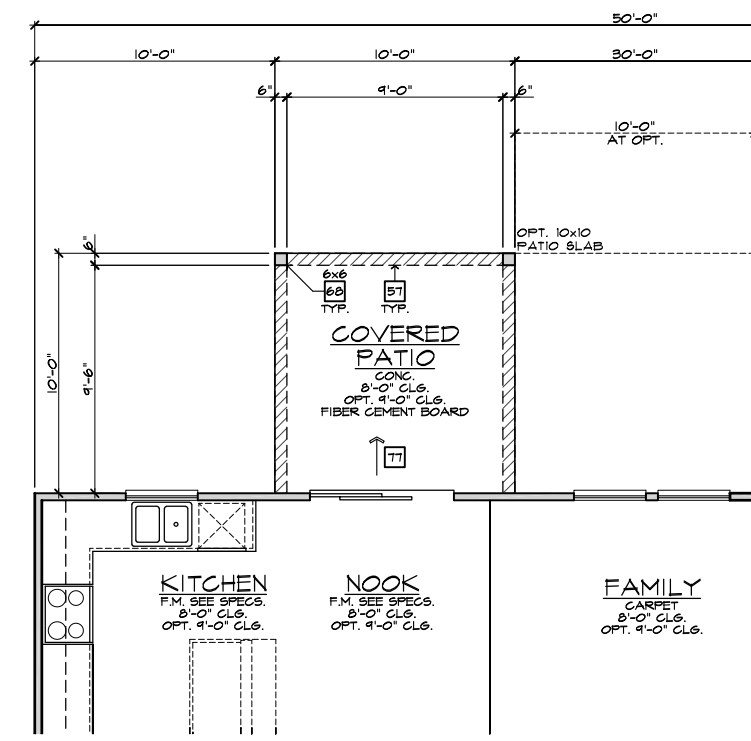
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
 28. WATER HEATER 3" VENT TO OUTSIDE AIR
 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 39. LINE OF WALL BELOW
 41. LINE OF FLOOR ABOVE
 42. LINE OF FLOOR BELOW
 50. MIN. 3/4" RAIL GUARDRAIL (REFER TO DETAIL SHEETS)
 51. LOW WALL - REFER TO PLAN FOR HEIGHT
 52. 2x6 STUD WALL
 54. DEL. 2x4 WALL PER PLAN
 55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 57. FLAT SOFFIT
 58. ARCHED SOFFIT
 60. OPT. DOOR/ WINDOW
 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 62. BRICK / STONE VENEER - REFER TO ELEVATIONS
 63. SECTIONAL GARAGE DOOR PER SPECS
 66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 68. P.T. POST W/ WRAP.
 70. EGRESS WINDOW
 75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
 3. CONCRETE FOUNDATION PER STRUCTURAL.
 4. CONCRETE STOOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
 6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
 7. 5" BRICK LEDGE FOR MASONRY VENEER.
 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 10. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
 11. 4" MIN. & 1/4" MAX. TO HARD SURFACE.
 12. A/C PAD. VERIFY LOCATION.
 13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

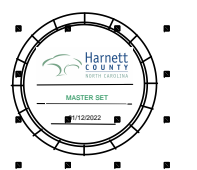
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE

COVERED PATIO 'D'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



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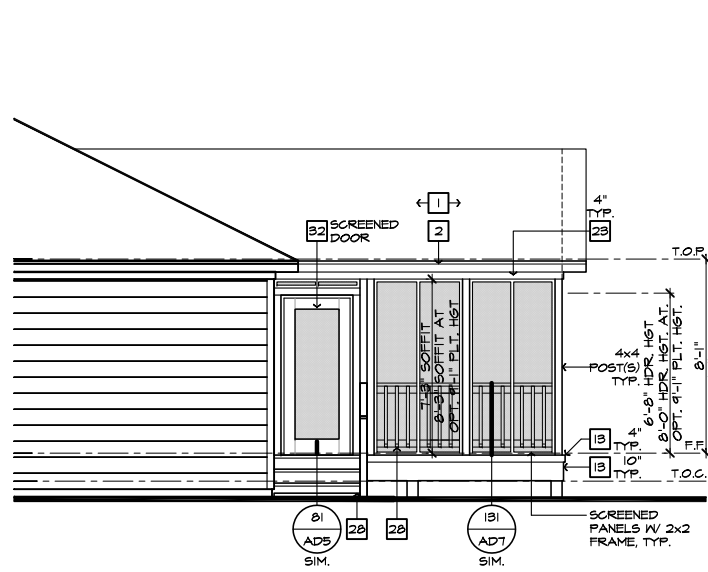
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PLAN: 150.1773-R
SHEET: 8.D1

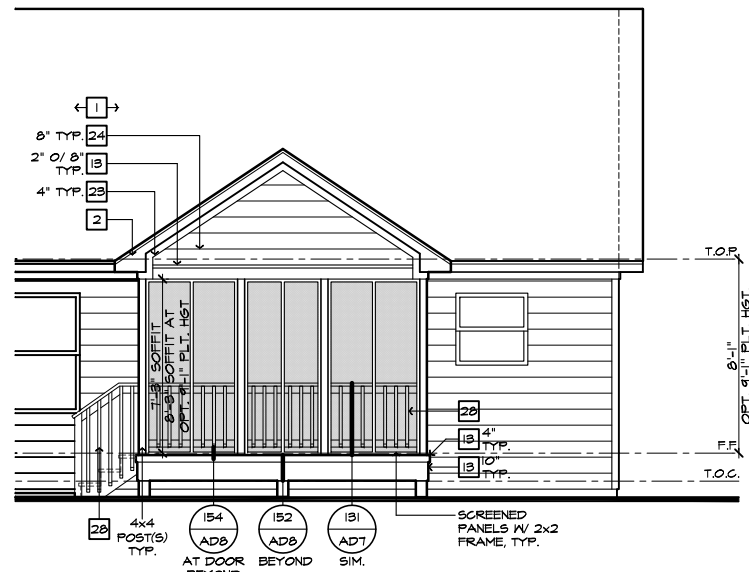
SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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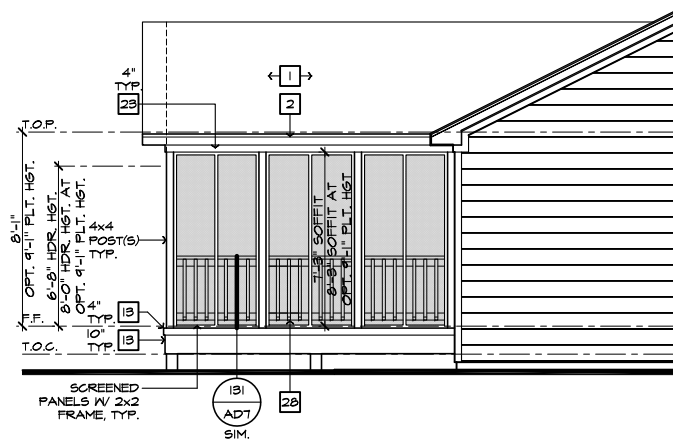
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')



PARTIAL REAR ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')



PARTIAL LEFT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

ROOF PLAN NOTES 'D'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

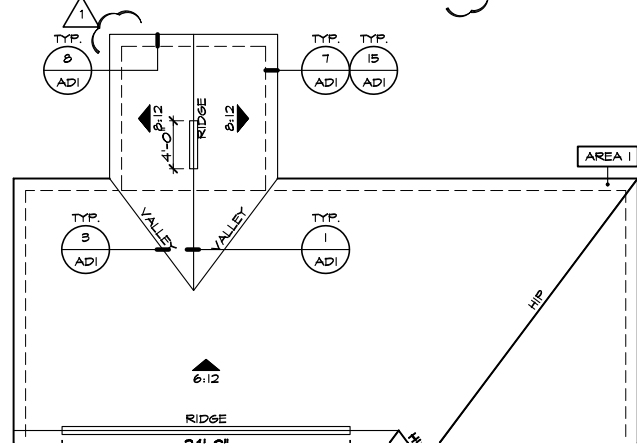
ATTIC VENT CALCULATIONS
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 800.2)
* CALCULATION BY 1/50. HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 / MAIN:	SQ. FT. / 300	8.23 SQ. FT.
ATTIC AREA = 2470	X 144 =	1186 SQ. IN.
	TOTAL HIGH & LOW =	1186 SQ. IN.
	X 50% =	593 SQ. IN.

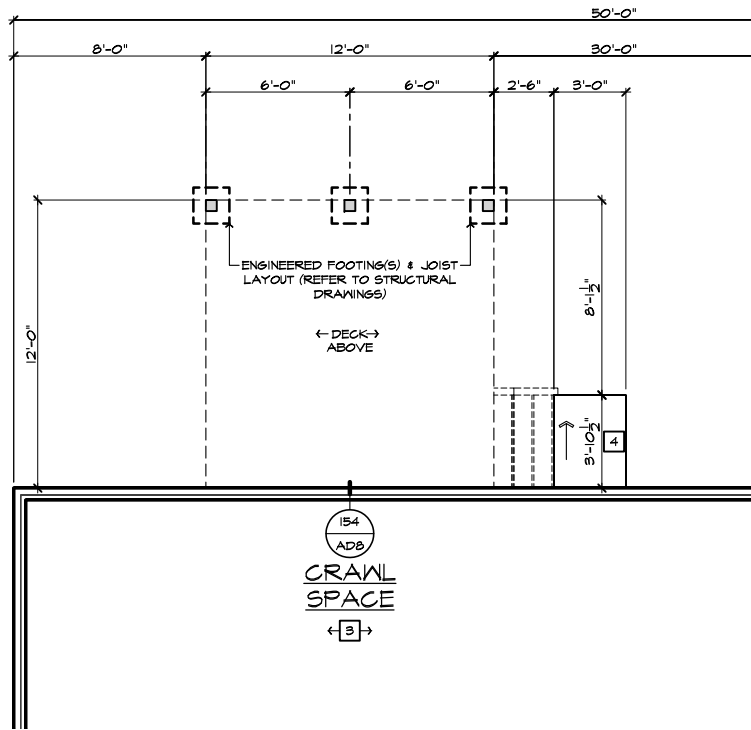
VENTILATION PROVIDED:

High	LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	684 SQ. IN.
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:			684 SQ. IN.
LOW	LF VENTILATED SOFFIT AT	6.4 SQ. IN. / LF. =	676 SQ. IN.
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:			1360 SQ. IN.



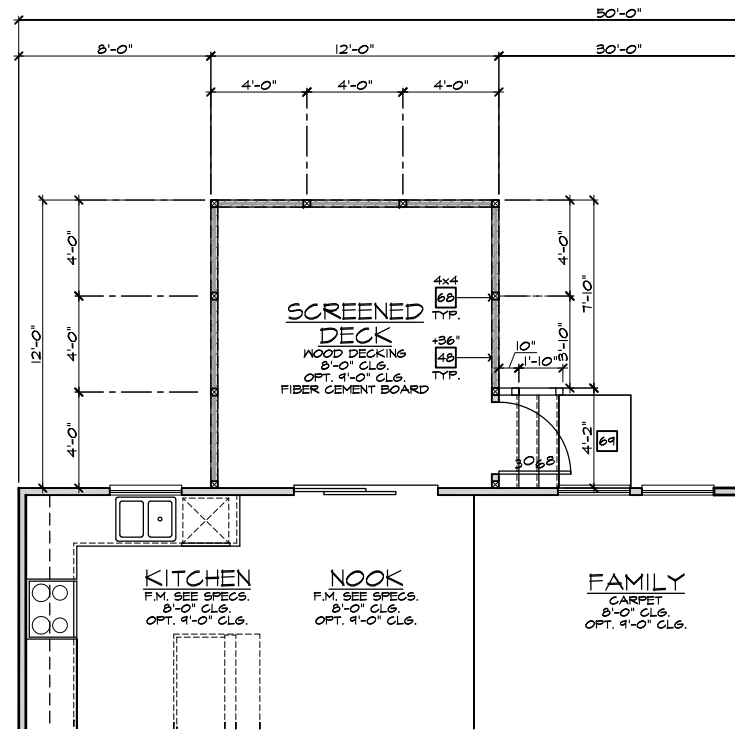
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17')



PARTIAL CRAWL SPACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')



PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

- # ELEVATION NOTES 208-36-9
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6:1. FLASHING
 4. 6:1. FLASHING & SADDLE/CRICKET
 5. 6:1. DRIP SCREED
 6. 24"x24" CHIMNEY
 7. DECORATIVE VENT
 8. DECORATIVE CORBEL
 9. DECORATIVE SHUTTERS
 10. PEDIMENT. SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
 14. SYNTHETIC MATERIAL
 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLDIER COURSE
 22. ROKLOCK COURSE
 23. FRIEZE BOARD
 24. SIDING W/ 4" CORNER TRIM PER SPECS
 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 26. PRE-FAB DECORATIVE TRIM
 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (36" U.N.O.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 31. BRACKET OR KICKER - FYPON OR EQ.
 32. ENTRY DOOR
 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 34. SECTIONAL GARAGE DOOR PER SPECS
 35. ALUMINUM WRAP
 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 37. OPTIONAL STANDING SEAM METAL ROOF
 38. KEYSTONE
 39. SOLDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PILASTER - SEE ELEVATION FOR TYPE

- # PARTIAL PLAN NOTES 208-36-9
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS)
 28. WATER HEATER 'B' VENT TO OUTSIDE AIR
 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 34. LINE OF WALL BELOW
 42. LINE OF FLOOR ABOVE
 43. LINE OF FLOOR BELOW
 48. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 50. A/C PAD LOCATION
 51. LOW WALL - REFER TO PLAN FOR HEIGHT
 52. 2x6 STUD WALL
 54. DEL. 2x4 WALL PER PLAN
 55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 57. FLAT SOFFIT
 58. ARCHED SOFFIT
 60. OPT. DOOR/ WINDOW
 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 62. BRICK / STONE VENEER - REFER TO ELEVATIONS
 63. SECTIONAL GARAGE DOOR PER SPECS
 66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 68. P.T. POST W/ WRAP.
 70. EGRESS WINDOW
 75. WINDOW LEDGE, HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.



NORTH CAROLINA 50' SERIES

KB HOME
NORTH CAROLINA DIVISION
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DURHAM, NC 27703
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2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 135099857
DIVISION MGR.: MP
REVISIONS:



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REVIEWED BY:	DATE:
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PLAN: 150.1773-R
SHEET: 8.D2

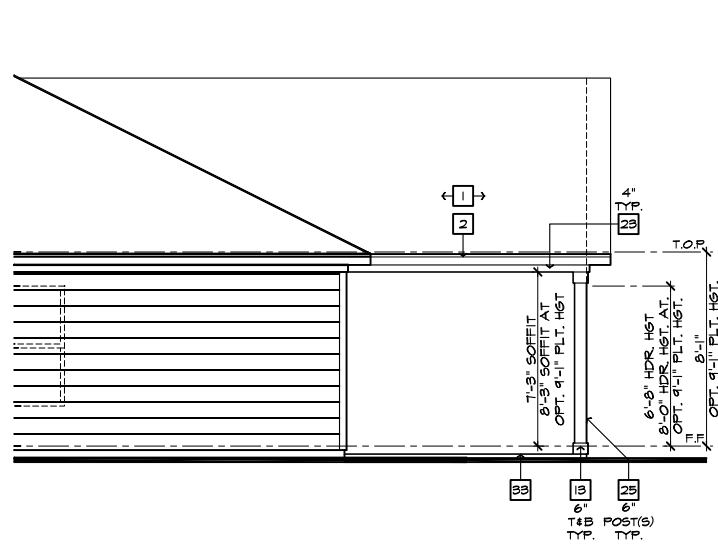
- NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R409. THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R409.2.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

SCREENED-IN COVERED DECK AT CRAWL SPACE 'D'

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

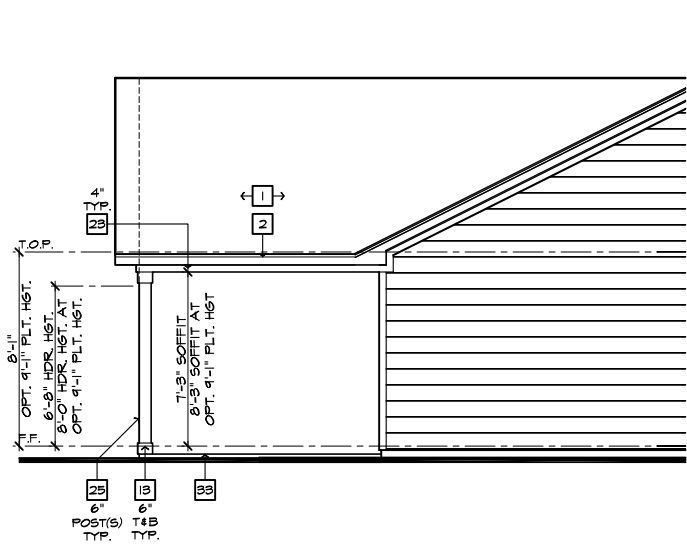
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PARTIAL RIGHT ELEVATION
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL REAR ELEVATION
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'D'

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12

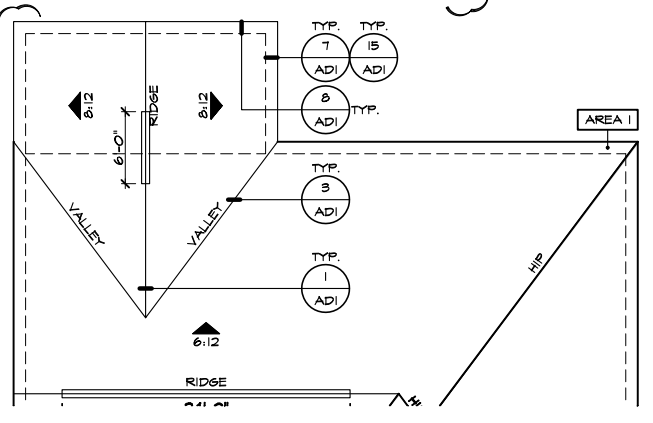
ROOF MATERIAL: COMPOSITION SHINGLE
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS

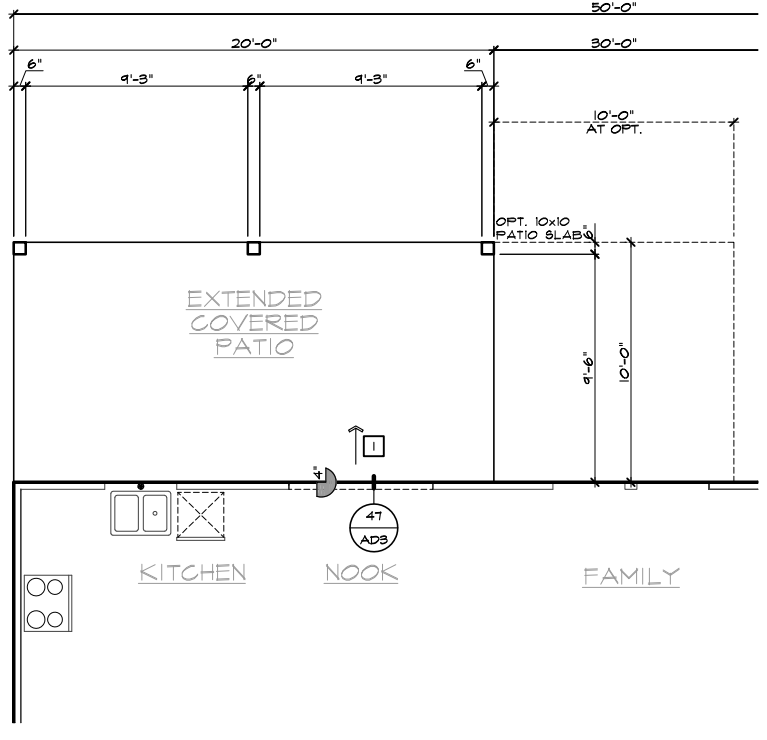
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 806.2)
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

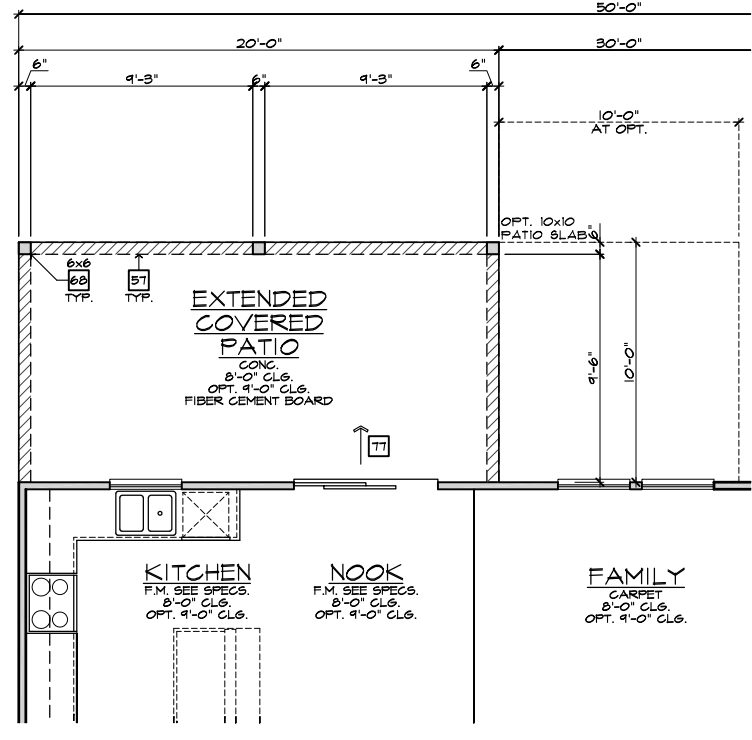
AREA / MAIN:	SQ. FT. / 300	8.42 SQ. FT.
VENTILATION REQUIRED:		
ATTIC AREA = 2526	X 144 =	1212 SQ. IN.
	TOTAL HIGH & LOW =	1212 SQ. IN.
	X 50% =	606 SQ. IN.
VENTILATION PROVIDED:		
High		
99 LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	684 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:		684 SQ. IN.
Low		
98 LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	676 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:		1360 SQ. IN.



PARTIAL ROOF PLAN
SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



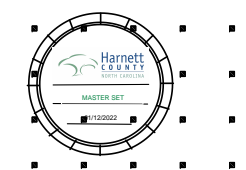
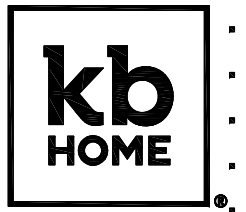
PARTIAL FIRST FLOOR PLAN
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

EXTENDED COVERED PATIO 'D'
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- ROOF MATERIAL - REFER TO ROOF NOTES
 - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 - 6:12 FLASHING
 - 6:12 FLASHING & SADDLE/CRICKET
 - 6:12 DRIP SCREED
 - 24"x24" CHIMNEY
 - DECORATIVE VENT
 - DECORATIVE CORBEL
 - DECORATIVE SHUTTERS
 - PEDIMENT. SEE ELEVATION FOR TYPE
 - RECESSED ELEMENT
 - DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
 - TRIM PER SPEC- SEE ELEVATION FOR SIZE
 - SYNTHETIC MATERIAL
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - SHAKE SIDING
 - STONE VENEER PER SPECS
 - BRICK/MASONRY VENEER PER SPECS
 - BUILT UP BRICK COLUMN
 - SOLDIER COURSE
 - ROCKLOCK COURSE
 - FRIEZE BOARD
 - SIDING W/ 4" CORNER TRIM PER SPECS
 - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 - PRE-FAB DECORATIVE TRIM
 - LIGHT WEIGHT PRECAST STONE TRIM
 - P.T. LUMBER RAILINGS (+36" U.N.O.)
 - WRAP
 - DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE.
 - BRACKET OR KICKER - FYPYON OR EQ.
 - ENTRY DOOR
 - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 - SECTIONAL GARAGE DOOR PER SPECS
 - ALUMINUM WRAP
 - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 - OPTIONAL STANDING SEAM METAL ROOF
 - KEYSTONE
 - SOLDIER CROWN
 - JACK SOLDIER COURSE
 - WATER TABLE
 - ATRIUM DOOR
 - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
 - WATER HEATER 8" VENT TO OUTSIDE AIR
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - LINE OF WALL BELOW
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - MIN. 36" PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - DEL. 2x4 WALL PER PLAN
 - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - FLAT SOFFIT
 - ARCHED SOFFIT
 - OPT. DOOR/ WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS
 - SECTIONAL GARAGE DOOR PER SPECS
 - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 - NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
 - P.T. POST W/ WRAP.
 - EGRESS WINDOW
 - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
 - CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
 - CONCRETE FOUNDATION PER STRUCTURAL.
 - CONCRETE STOOP: 8"x8" STANDARD SLOPE 1/4" PER FT. MIN.
 - CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
 - PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
 - 5" BRICK LEDGE FOR MASONRY VENEER.
 - 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
 - REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
 - PRIOR TO ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
 - 4" MIN. 8 1/4" MAX. TO HARD SURFACE.
 - A/C PAD. VERIFY LOCATION.
 - 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE
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3. _____
4. _____
5. _____
6. _____
- PLAN: 150.1773-R
SHEET: 8.D3
- SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES



**NORTH CAROLINA
50' SERIES**

KB HOME
NORTH CAROLINA DIVISION

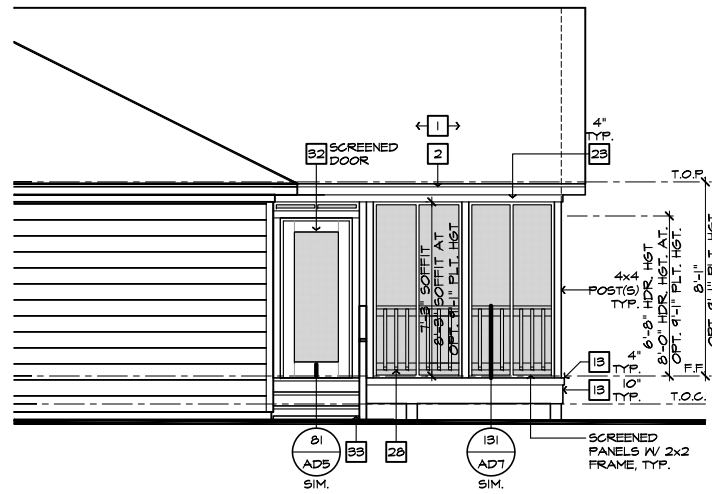
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**2018 NORTH
CAROLINA STATE
BUILDING
CODES**

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP
REVISIONS:

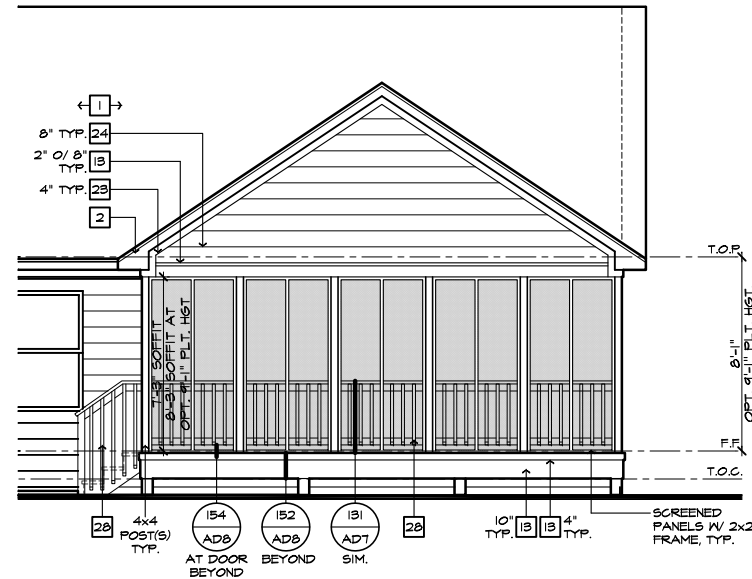
1 VENTILATION
NC2008NCP/ 01/17/20 /KBA

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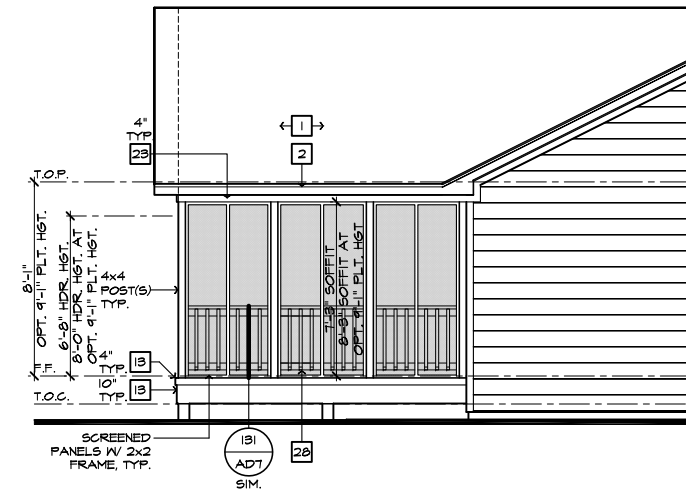
PARTIAL RIGHT ELEVATION

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')



PARTIAL REAR ELEVATION

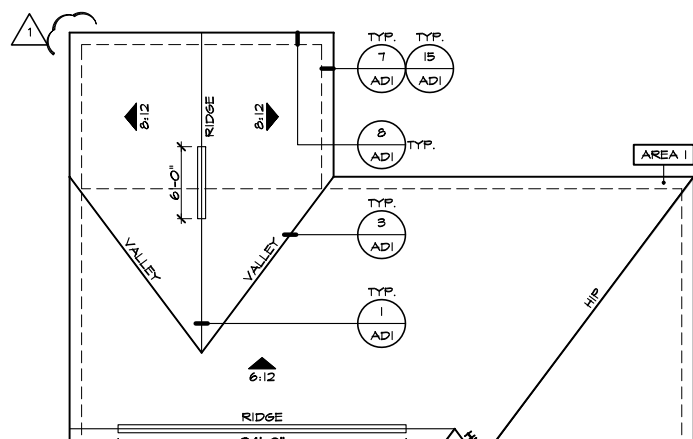
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')



PARTIAL LEFT ELEVATION

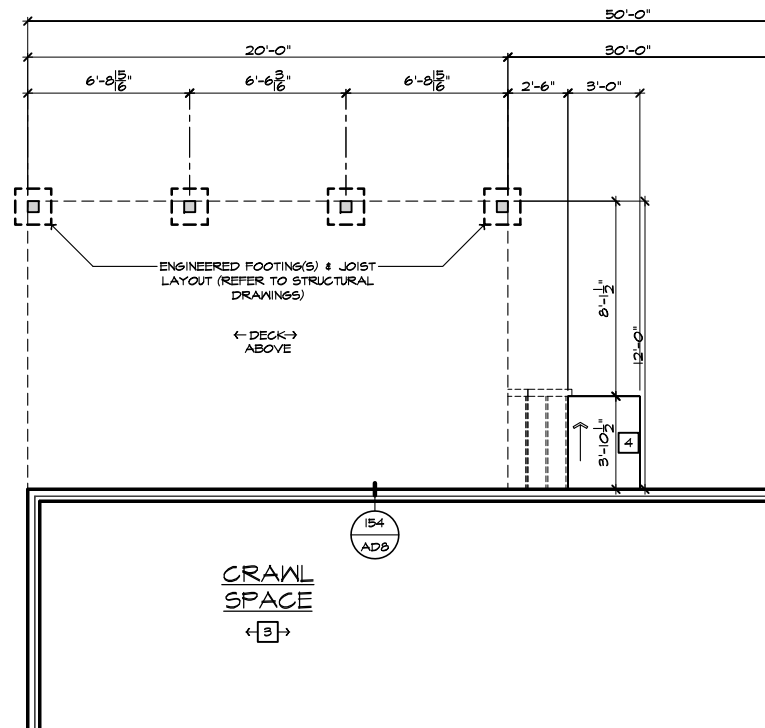
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

ROOF PLAN NOTES 'D'	
	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 N.C.-R 806.2)	
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN	
ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 1 / MAIN:	
VENTILATION REQUIRED:	
ATTIC AREA = 2566	SQ. FT. / 300 = 8.55 SQ. FT.
	X 144 = 1232 SQ. IN.
	TOTAL HIGH & LOW = 1232 SQ. IN.
	X 50% = 616 SQ. IN.
VENTILATION PROVIDED:	
HIGH:	
50	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 684 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	684 SQ. IN.
LOW:	
48	LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 676 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED:	1360 SQ. IN.



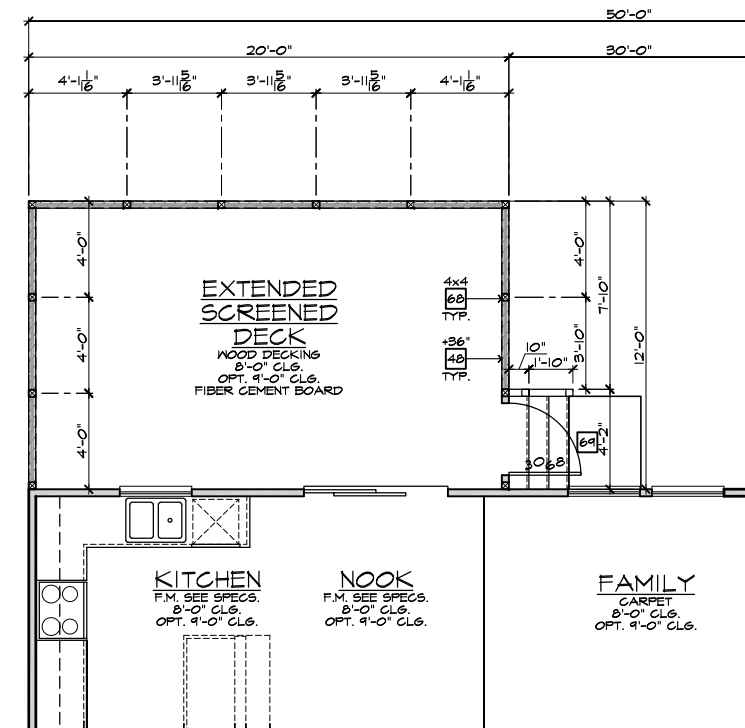
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17')



PARTIAL CRAWL SPACE PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

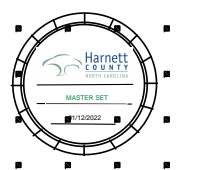


PARTIAL FIRST FLOOR PLAN

SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- ROOF MATERIAL - REFER TO ROOF NOTES
 - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 - 6:1. FLASHING
 - 6:1. FLASHING & SADDLE/CRICKET
 - 6:1. DRIP SCREED
 - 24"x24" CHIMNEY
 - DECORATIVE VENT
 - DECORATIVE CORBEL
 - DECORATIVE SHUTTERS
 - PEDIMENT. SEE ELEVATION FOR TYPE
 - RECESSED ELEMENT
 - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
 - TRIM PER SPEC - SEE ELEVATION FOR SIZE
 - SYNTHETIC MATERIAL
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - SHAKE SIDING
 - STONE VENEER PER SPECS
 - BRICK/MASONRY VENEER PER SPECS
 - BUILT UP BRICK COLUMN
 - SOLDIER COURSE
 - ROWLOCK COURSE
 - FRIEZE BOARD
 - SIDING W/ 4" CORNER TRIM PER SPECS
 - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
 - PRE-FAB DECORATIVE TRIM
 - LIGHT WEIGHT PRECAST STONE TRIM
 - P.T. LUMBER RAILINGS (#36" U.N.O.)
 - WRAP
 - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
 - BRACKET OR KICKER - FYPON OR EQ.
 - ENTRY DOOR
 - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
 - SECTIONAL GARAGE DOOR PER SPECS
 - ALUMINUM WRAP
 - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
 - OPTIONAL STANDING SEAM METAL ROOF
 - KEYSTONE
 - SOLDIER CROWN
 - JACK SOLDIER COURSE
 - WATER TABLE
 - ATRIUM DOOR
 - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
 - WATER HEATER 'B' VENT TO OUTSIDE AIR
 - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
 - LINE OF WALL BELOW
 - LINE OF FLOOR ABOVE
 - LINE OF FLOOR BELOW
 - MIN. 2x4 GUARDRAIL (REFER TO DETAIL SHEETS)
 - MIN. 2x4 PAD LOCATION
 - LOW WALL - REFER TO PLAN FOR HEIGHT
 - 2x6 STUD WALL
 - DEL. 2x4 WALL PER PLAN
 - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - FLAT SOFFIT
 - ARCHED SOFFIT
 - OPT. DOOR/ WINDOW
 - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
 - BRICK / STONE VENEER - REFER TO ELEVATIONS
 - SECTIONAL GARAGE DOOR PER SPECS
 - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE
 - NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH.
 - P.T. POST W/ WRAP.
 - EGRESS WINDOW
 - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
 - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



NORTH CAROLINA 50' SERIES

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DIVISION MGR.: MP
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PLAN: 150.1773-R
SHEET: 8.D4

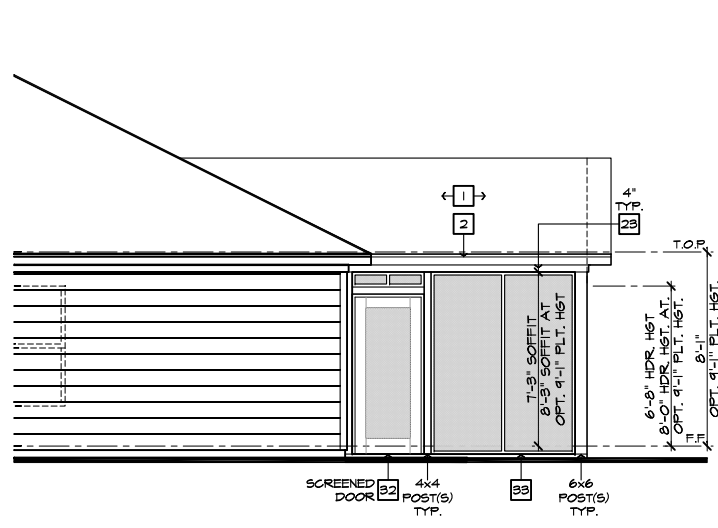
SPEC. LEVEL 1
RALEIGH-DURHAM 50' SERIES

EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'D'

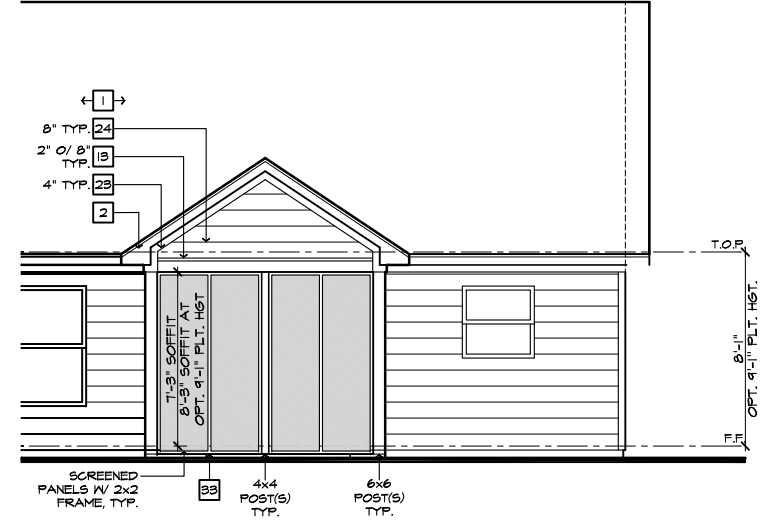
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17')

- NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R409.
- NOTE: THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R409.2.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

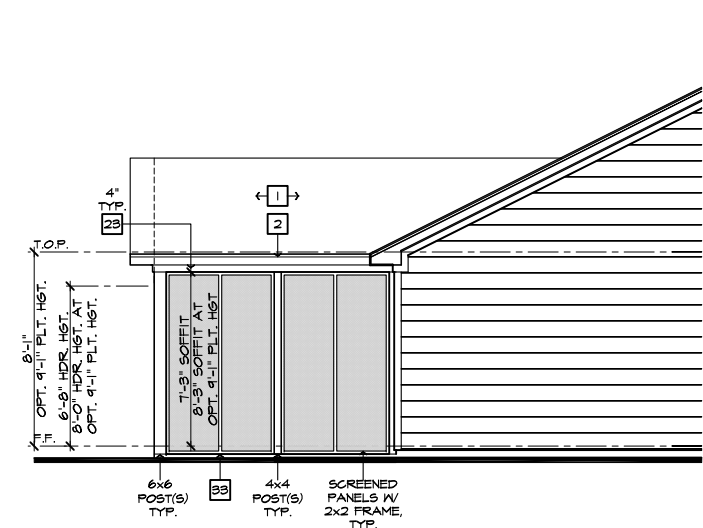
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PARTIAL RIGHT ELEVATION
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

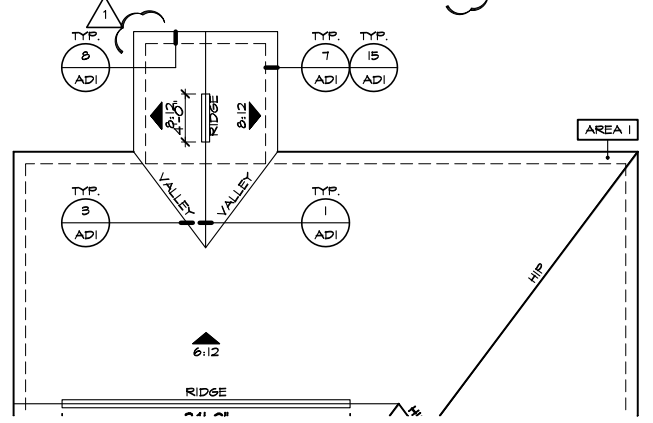


PARTIAL REAR ELEVATION
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

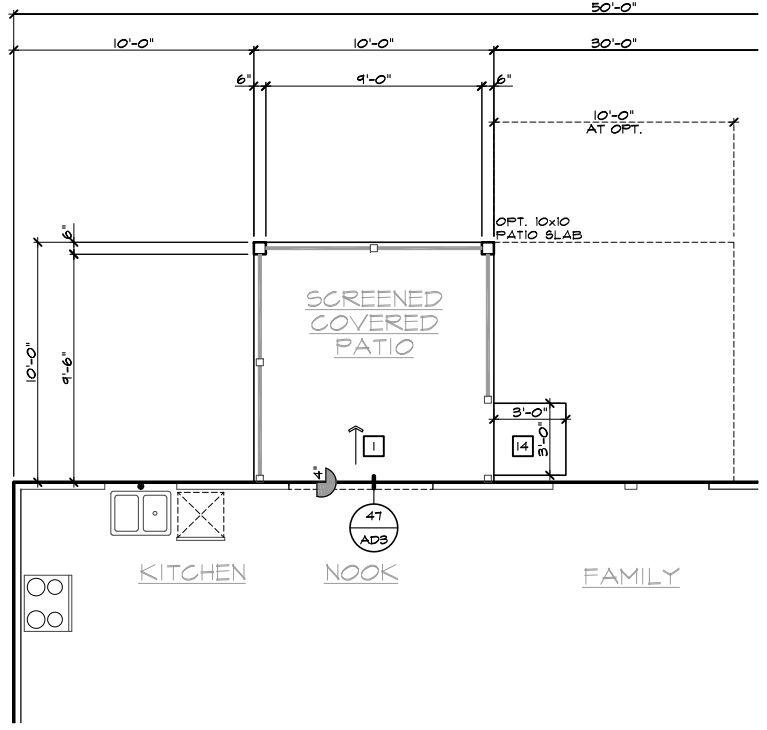


PARTIAL LEFT ELEVATION
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

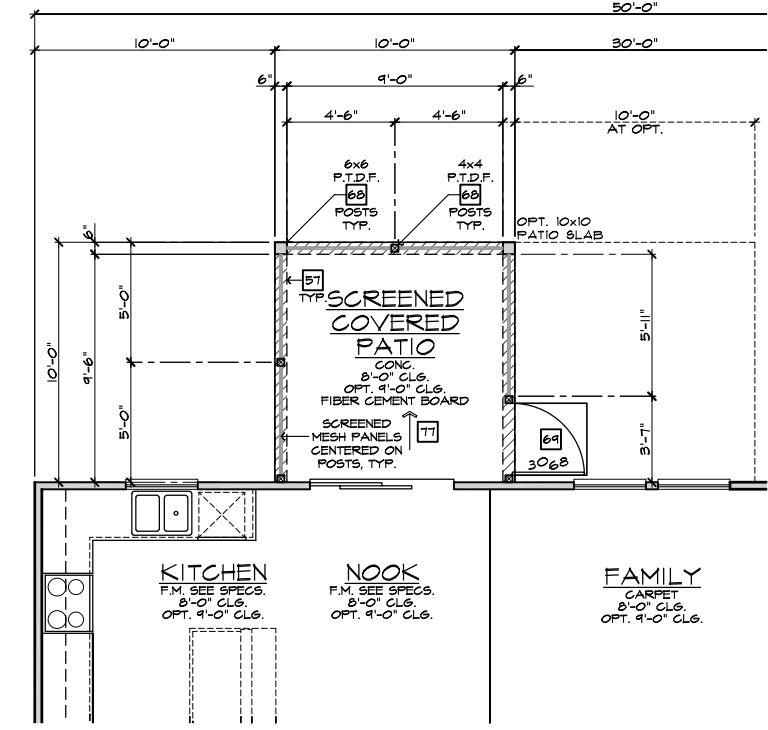
ROOF PLAN NOTES 'D'	
	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC (HIGH VENTING) AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)	
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 1 / MAIN:	
VENTILATION REQUIRED:	
ATTIC AREA = 2426	SG. FT. / 500 = 4.852 SQ. FT.
	X 144 = 698.688 SQ. IN.
	TOTAL HIGH & LOW = 1164 SQ. IN.
	X 50% = 582 SQ. IN.
VENTILATION PROVIDED:	
High	
88	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 684 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	684 SQ. IN.
LOW	



PARTIAL ROOF PLAN
SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL FIRST FLOOR PLAN
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

SCREENED-IN PATIO 'D'
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
34.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
50.	MID. PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DBL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/ WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE
67.	NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH.
68.	P.T. POST W/ WRAP.
70.	EGRESS WINDOW
75.	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

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NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R409.	
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R409.2.	
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE	
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE	

NORTH CAROLINA 50' SERIES

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2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP

REVISIONS:

1	VENTILATION	NC2008NCP/ 01/17/20 /KBA
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PLAN: **150.1773-R**

SHEET: **8.D5**

SPEC. LEVEL 1

RALEIGH-DURHAM 50' SERIES

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NOTE: ALL CHAPTERS, SECTIONS, TABLES, AND FIGURES CITED WITHOUT A PUBLICATION TITLE ARE FROM THE APPLICABLE RESIDENTIAL CODE (SEE TITLE SHEET).

GENERAL

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. FURTHERMORE, CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, AND SAFETY ON SITE. NOTIFY JDSfaulkner, PLLC IMMEDIATELY IF DISCREPANCIES ON PLAN EXIST.
- BRACED-WALL DESIGN IS BASED ON SECTION R602.10 - WALL BRACING. PRIMARY PRESCRIPTIVE METHOD TO BE CS-WSP. SEE WALL BRACING PLANS AND DETAILS FOR ADDITIONAL INFORMATION.

ALL NON-PRESCRIPTIVE SOLUTIONS ARE BASED ON GUIDELINES ESTABLISHED IN THE AMERICAN SOCIETY OF CIVIL ENGINEERS PUBLICATION ASCE 7 AND THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION - SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC.

- SEISMIC DESIGN SHALL BE PER SECTION R301.2.2 - SEISMIC PROVISIONS, INCLUDING ASSOCIATED TABLES AND FIGURES, BASED ON LOCAL SEISMIC DESIGN CATEGORY.

DESIGN LOADS

ASSUMED SOIL BEARING-CAPACITY	2,000 PSF
	LIVE LOAD
ULTIMATE DESIGN WIND SPEED	115 MPH, EXPOSURE B
GROUND SNOW	15 PSF
ROOF	20 PSF
RESIDENTIAL CODE TABLE R301.5	LIVE LOAD (PSF)
DWELLING UNITS	40
SLEEPING ROOMS	30
ATTICS WITH STORAGE	20
ATTICS WITHOUT STORAGE	10
STAIRS	40
DECKS	40
EXTERIOR BALCONIES	60
PASSENGER VEHICLE GARAGES	50
FIRE ESCAPES	40
GUARDS AND HANDRAILS	200 (pounds, concentrated)

COMPONENT AND CLADDING LOADS, INCLUDING THOSE FOR DOORS AND WINDOWS, SHALL BE DERIVED FROM TABLES R301.2(2) AND R301.2(3) FOR A BUILDING WITH A MEAN ROOF HEIGHT OF 35 FEET, LOCATED IN EXPOSURE B.

ABBREVIATIONS

ABV	ABOVE	KS	KING STUD COLUMN
AFF	ABOVE FINISHED FLOOR	LVL	LAMINATED VENEER LUMBER
ALT	ALTERNATE	MAX	MAXIMUM
BRG	BEARING	MECH	MECHANICAL
BSMT	BASEMENT	MFR	MANUFACTURER
CANT	CANTILEVER	MIN	MINIMUM
CJ	CEILING JOIST	NTS	NOT TO SCALE
CLG	CEILING	OA	OVERALL
CMU	CONCRETE MASONRY UNIT	OC	ON CENTER
CO	CASED OPENING	PT	PRESSURE TREATED
COL	COLUMN	R	RISER
CONC	CONCRETE	REF	REFRIGERATOR
CONT	CONTINUOUS	RFG	ROOFING
D	CLOTHES DRYER	RO	ROUGH OPENING
DBL	DOUBLE	RS	ROOF SUPPORT
DIAM	DIAMETER	SC	STUD COLUMN
DJ	DOUBLE JOIST	SF	SQUARE FOOT (FEET)
DN	DOWN	SH	SHELF / SHELVES
DP	DEEP	SHTG	SHEATHING
DR	DOUBLE RAFTER	SHW	SHOWER
DSP	DOUBLE STUD POCKET	SIM	SIMILAR
EA	EACH	SJ	SINGLE JOIST
EE	EACH END	SP	STUD POCKET
EQ	EQUAL	SPEC'D	SPECIFIED
EX	EXTERIOR	SQ	SQUARE
FAU	FORCED-AIR UNIT	T	TREAD
FDN	FOUNDATION	TEMP	TEMPERED GLASS
FF	FINISHED FLOOR	THK	THICK(NESS)
FLR	FLOOR(ING)	TJ	TRIPLE JOIST
FP	FIREPLACE	TOC	TOP OF CURB / CONCRETE
FTG	FOOTING	TR	TRIPLE RAFTER
HB	HOSE BIBB	TYP	TYPICAL
HDR	HEADER	UNO	UNLESS NOTED OTHERWISE
HGR	HANGER	W	CLOTHES WASHER
JS	JACK STUD COLUMN	WH	WATER HEATER
		WWF	WELDED WIRE FABRIC
		XJ	EXTRA JOIST

MATERIALS

- INTERIOR / TRIMMED FRAMING LUMBER SHALL BE #2 SPRUCE PINE FIR (SPF) WITH THE FOLLOWING DESIGN PROPERTIES (#2 SOUTHERN YELLOW PINE MAY BE SUBSTITUTED):
Fb = 875 PSI Fv = 70 PSI E = 1.4E6 PSI
- FRAMING LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND, CONCRETE, OR MASONRY SHALL BE PRESSURE TREATED #2 SOUTHERN YELLOW PINE (SYP) WITH THE FOLLOWING DESIGN PROPERTIES:
Fb = 975 PSI Fv = 95 PSI E = 1.6E6 PSI
- LVL STRUCTURAL MEMBERS TO BE LAMINATED VENEER LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:
Fb = 2600 PSI Fv = 285 PSI E = 1.9E6 PSI
- PSL STRUCTURAL MEMBERS TO BE PARALLEL STRAND LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:
Fb = 2900 PSI Fv = 290 PSI E = 2.0E6 PSI
- LSL STRUCTURAL MEMBERS TO BE LAMINATED STRAND LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:
Fb = 2250 PSI Fv = 400 PSI E = 1.55E6 PSI
- STRUCTURAL STEEL WIDE-FLANGE BEAMS SHALL CONFORM TO ASTM A992. Fy = 50 KSI
- REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615, GRADE 60.
- POURED CONCRETE COMPRESSIVE STRENGTH TO BE A MINIMUM 3,000 PSI AT 28 DAYS. MATERIALS USED TO PRODUCE CONCRETE SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN AMERICAN CONCRETE INSTITUTE STANDARD ACI 318 OR ASTM C1157.
- CONCRETE SUBJECT TO MODERATE OR SEVERE WEATHERING PROBABILITY PER TABLE R301.2(1) SHALL BE AIR-ENTRAINED WHEN REQUIRED BY TABLE R402.2.
- CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE PUBLICATION 530: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES AND COMPANION COMMENTARIES AND THE MASONRY SOCIETY PUBLICATION TMS 402/602: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES.
- MORTAR SHALL COMPLY WITH ASTM INTERNATIONAL STANDARD C270.
- INDICATED MODEL NUMBERS FOR ALL METAL HANGERS, STRAPS, FRAMING CONNECTORS, AND HOLD-DOWNS ARE SIMPSON STRONG-TIE BRAND. EQUIVALENT USP BRAND PRODUCTS ARE ACCEPTABLE.
- REFER TO I-JOIST EQUIVALENCE CHART ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES.

FOUNDATION

- MINIMUM ALLOWABLE SOIL BEARING CAPACITY IS ASSUMED TO BE 2,000 PSF. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SOIL BEARING CAPACITY IF UNSATISFACTORY CONDITIONS EXIST.
- CONCRETE FOUNDATION WALLS TO BE SELECTED AND CONSTRUCTED PER SECTION R404 OR AMERICAN CONCRETE INSTITUTE STANDARD ACI 318.
- MASONRY FOUNDATION WALLS TO BE SELECTED AND CONSTRUCTED PER SECTION R404 AND/OR AMERICAN CONCRETE INSTITUTE PUBLICATION 530: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES AND COMPANION COMMENTARIES AND/OR THE MASONRY SOCIETY PUBLICATION TMS 402/602: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES.
- CONCRETE WALL HORIZONTAL REINFORCEMENT TO BE PER TABLE R404.1.2(1) OR AS NOTED OR DETAILED. CONCRETE WALL VERTICAL REINFORCEMENT TO BE PER TABLES R404.1.2(3 AND 4) OR AS NOTED OR DETAILED. ALL CONCRETE WALLS SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 6.
 - TABLES ASSUME THAT WALLS HAVE PERMANENT LATERAL SUPPORT AT THE TOP AND BOTTOM.
 - FOUNDATION DRAINS ARE ASSUMED AT ALL WALLS PER SECTION R405.
- PLAIN-MASONRY WALL DESIGN TO BE PER TABLE R404.1.1(1) OR AS NOTED OR DETAILED. MASONRY WALLS WITH VERTICAL REINFORCEMENT TO BE PER TABLES R404.1.1 (2 THROUGH 4) OR AS NOTED OR DETAILED. ALL MASONRY WALLS SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 6.
 - TABLES ASSUME THAT WALLS HAVE PERMANENT LATERAL SUPPORT AT THE TOP AND BOTTOM.
 - WALL REINFORCING SHALL BE PLACED ACCORDING TO FOOTNOTE (c) OF THE TABLES (REINFORCING IS NOT CENTERED IN WALL).
 - FOUNDATION DRAINS ARE ASSUMED AT ALL WALLS PER SECTION R405.
- WOOD SILL PLATES TO BE ANCHORED TO THE FOUNDATION WITH 1/2" DIAMETER ANCHOR BOLTS WITH MINIMUM 7" EMBEDMENT, SPACED A MAXIMUM OF 6'-0" OC AND WITHIN 12" FROM THE ENDS OF EACH PLATE SECTION. INSTALL MINIMUM (2) ANCHOR BOLTS PER SECTION. SEE SECTION R403.1.6 FOR SPECIFIC CONDITIONS.
- THE UNSUPPORTED HEIGHT OF SOLID MASONRY PIERS SHALL NOT EXCEED TEN TIMES THEIR LEAST DIMENSION. UNFILLED, HOLLOW PIERS MAY BE USED IF THE UNSUPPORTED HEIGHT IS NOT MORE THAN FOUR TIMES THEIR LEAST DIMENSION.
- CENTERS OF PIERS TO BEAR IN THE MIDDLE THIRD OF THE FOOTINGS, AND GIRDETS SHALL CENTER IN THE MIDDLE THIRD OF THE PIERS.
- ALL FOOTINGS TO HAVE MINIMUM 2" PROJECTION ON EACH SIDE OF FOUNDATION WALLS (SEE DETAILS).
- ALL REBAR NOTED IN CONCRETE TO HAVE AT LEAST 2" COVER FROM EDGE OF CONCRETE TO EDGE OF REBAR.
- FRAMING TO BE FLUSH WITH FOUNDATION WALLS.
- WITH CLASS 1 SOILS, VAPOR BARRIER AND CRUSHED STONE MAY BE OMITTED.

FRAMING

- ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED W/ MIN (1) JACK STUD AND (1) KING STUD EACH END, UNO.
- ALL NON-BEARING HEADERS TO BE (2) 2x4, UNO.
- NON-BEARING INTERIOR WALLS NOT MORE THAN 10' NOMINAL HEIGHT AND NOT SHOWN AS BRACED WALLS MAY BE FRAMED WITH 2x4 STUDS @ 24" OC.
- SOLID BLOCKING TO BE PROVIDED AT ALL POINT LOADS THROUGH FLOOR LEVELS TO THE FOUNDATION OR TO OTHER STRUCTURAL COMPONENTS.
- ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY SUBSTITUTED AS NEEDED FOR EASE OF CONSTRUCTION.
- ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.
 - ATTACH PORCH COLUMNS TO SLAB / FDN WALL USING ABA, ABU, ABW, OR CPT SIMPSON POST BASES TO FIT COLUMN SIZES NOTED ON PLAN -OR- ANY OTHER COLUMN CONNECTION WITH 500# UPLIFT CAPACITY.
 - ATTACH PORCH COLUMNS TO PORCH BEAMS USING AC OR BC SIMPSON POST CAPS TO FIT COLUMN SIZES NOTED ON PLAN -OR- ANY OTHER COLUMN CONNECTION WITH 500# UPLIFT CAPACITY.
 - TRIM OUT COLUMN(S) AND BEAM(S) PER BUILDER AND DETAILS.
- ALL ENGINEERED WOOD PRODUCTS (LVL, PSL, LSL, ETC.) SHALL BE INSTALLED WITH CONNECTIONS PER MANUFACTURER SPECIFICATIONS.
- ENGINEERED WOOD FLOOR SYSTEMS AND ROOF TRUSS SYSTEMS:
 - SHOP DRAWINGS FOR THE SYSTEMS SHALL BE PROVIDED TO THE ENGINEER OF RECORD FOR REVIEW AND COORDINATION BEFORE CONSTRUCTION.
 - TRUSS PROFILES SHALL BE SEALED BY THE TRUSS MANUFACTURER.
 - INSTALLATION OF THE SYSTEMS SHALL BE PER MANUFACTURER'S INSTRUCTIONS.
 - TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN IN THESE DRAWINGS.
- ALL BEAMS TO BE CONTINUOUSLY SUPPORTED Laterally AND SHALL BEAR FULL WIDTH ON THE SUPPORTING WALLS OR COLUMNS INDICATED, WITH A MINIMUM OF THREE STUDS, UNO.
- ALL STEEL BEAMS TO BE SUPPORTED AT EACH END WITH A MIN BEARING LENGTH OF 3 1/2" AND FULL FLANGE WIDTH. BEAMS MUST BE ATTACHED AT EACH END WITH A MINIMUM OF FOUR 16d NAILS OR TWO 1/2" x 4" LAG SCREWS, UNO.
- STEEL FLITCH BEAMS TO BE BOLTED TOGETHER USING (2) ROWS OF 1/2" DIAMETER BOLTS (ASTM 307) WITH WASHERS PLACED UNDER THE THREADED END OF THE BOLT. BOLTS TO BE SPACED AT 24" OC (MAX) AND STAGGERED TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE), WITH TWO BOLTS TO BE LOCATED AT 6" FROM EACH END OF FLITCH BEAM.
- WHEN A 4-PLY LVL BEAM IS USED, ATTACH WITH (1) 1/2" DIAMETER BOLT, 12" OC, STAGGERED TOP AND BOTTOM, 1 1/2" MIN FROM ENDS. ALTERNATE EQUIVALENT ATTACHMENT METHOD MAY BE USED, SUCH AS SDS, SDW, OR TRUSSLOK SCREWS (SEE MANUFACTURER SPECIFICATIONS).
- FOR STUD COLUMNS OF 4-OR-MORE STUDS, INSTALL SIMPSON STRONG-TIE CS16 STRAPS ACROSS STUDS @ 30" OC, 6" MAX FROM PLATES, ON INSIDE FACE OF COLUMN (EXTERIOR WALL), ON BOTH FACES OF COLUMN (INTERIOR WALL).
- FLOOR JOISTS ADJACENT AND PARALLEL TO THE EXTERIOR FOUNDATION WALL SHALL BE PROVIDED WITH FULL-DEPTH SOLID BLOCKING, NOT LESS THAN TWO (2) INCHES NOMINAL IN THICKNESS, PLACED PERPENDICULAR TO THE JOIST AT SPACING NOT MORE THAN FOUR (4) FEET. THE BLOCKING SHALL BE NAILED TO THE FLOOR SHEATHING, THE SILL PLATE, THE JOIST, AND THE EXTERIOR RIM JOIST / BOARD.
- BRACED WALL PANELS SHALL BE FASTENED TO MEET THE UPLIFT-RESISTANCE REQUIREMENTS IN CHAPTERS 6 AND 8 OF THE APPLICABLE CODE (SEE TITLE SHEET). REQUIREMENTS OF THE STRUCTURAL DRAWINGS THAT EXCEED THE CODE MINIMUM SHALL BE MET.



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P-0961

JDSfaulkner, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL REQUIREMENTS OF THESE PLANS WITHOUT THE APPROVAL OF THE EOR IS PROHIBITED.



PROJECT NO.: 20901648
DATE: 10/07/2020

PLAN:
150.1773

GENERAL NOTES

GN1.0

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FASTENER SCHEDULE		
CONNECTION	3" x 0.131" NAIL	3" x 0.120" NAIL
JOIST TO SILL PLATE	(4) TOE NAILS	(4) TOE NAILS
SOLE PLATE TO JOIST / BLOCKING	NAILS @ 8" OC (typical) (4) PER 16" SPACE (at braced panels)	NAILS @ 8" OC (typical) (4) PER 16" SPACE (at braced panels)
STUD TO SOLE PLATE	(4) TOE NAILS	(4) TOE NAILS
TOP OR SOLE PLATE TO STUD	(3) FACE NAILS	(4) FACE NAILS
RIM JOIST OR BAND JOIST TO TOP PLATE OR SILL PLATE	TOE NAILS @ 6" OC	TOE NAILS @ 4" OC
BLOCKING BETWEEN JOISTS TO TOP PLATE OR SILL PLATE	(4) TOE NAILS	(4) TOE NAILS
DOUBLE STUD	NAILS @ 8" OC	NAILS @ 8" OC
DOUBLE TOP PLATES	NAILS @ 12" OC	NAILS @ 12" OC
DOUBLE TOP PLATES LAP (24" MIN LAP LENGTH)	(12) NAILS IN LAPPED AREA, EA SIDE OF JOINT	(12) NAILS IN LAPPED AREA, EA SIDE OF JOINT
TOP PLATE LAP AT CORNERS AND INTERSECTING WALLS	(3) FACE NAILS	(3) FACE NAILS
OPEN-WEB TRUSS BOTTOM CHORD TO TOP PLATES OR SILL PLATE (PARALLEL TO WALL)	NAILS @ 6" OC	NAILS @ 4" OC
BOTTOM CHORD OF TRUSS TO TOP PLATES OR SILL PLATE (PERPENDICULAR TO WALL)	(3) TOE NAILS	(3) TOE NAILS

SEE TABLE R602.3(1) FOR ADDITIONAL STRUCTURAL-MEMBER FASTENING REQUIREMENTS.

DETAILS AND NOTES ON DRAWINGS GOVERN.


BALLOON WALL FRAMING SCHEDULE
(USE THESE STANDARDS UNLESS NOTED OTHERWISE ON THE FRAMING PLAN SHEETS)

FRAMING MEMBER SIZE	MAX HEIGHT (PLATE TO PLATE) 115 MPH ULTIMATE DESIGN WIND SPEED
2x4 @ 16" OC	10'-0"
2x4 @ 12" OC	12'-0"
2x6 @ 16" OC	15'-0"
2x6 @ 12" OC	17'-9"
2x8 @ 16" OC	19'-0"
2x8 @ 12" OC	22'-0"
(2) 2x4 @ 16" OC	14'-6"
(2) 2x4 @ 12" OC	17'-0"
(2) 2x6 @ 16" OC	21'-6"
(2) 2x6 @ 12" OC	25'-0"
(2) 2x8 @ 16" OC	27'-0"
(2) 2x8 @ 12" OC	31'-0"


- ALL HEIGHTS ARE MEASURED SUBFLOOR TO TOP OF WALL PLATE.
- WHEN SPLIT-FRAMED WALLS ARE USED FOR HEIGHTS OVER 12', THE CONTRACTOR SHALL ADD 6' MINIMUM OF CS16 COIL STRAPPING (FULLY NAILED), CENTERED OVER THE WALL BREAK.
- FINGER-JOINTED MEMBERS MAY BE USED FOR CONTINUOUS HEIGHTS WHERE TRADITIONALLY MILLED LUMBER LENGTHS ARE LIMITED.
- FOR GREATER WIND SPEED, SEE ENGINEERED SOLUTION FOR CONDITION IN DRAWINGS.

ROOF SYSTEMS

TRUSSED ROOF - STRUCTURAL NOTES

- PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
-  DENOTES OVER-FRAMED AREA
- MINIMUM 7/16" OSB ROOF SHEATHING
- TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS MANUFACTURER. TRUSS PLANS TO BE COORDINATED WITH THE SEALED STRUCTURAL DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.
- PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.
- UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.

STICK-FRAMED ROOF - STRUCTURAL NOTES

- PROVIDE 2x4 COLLAR TIES AT 48" OC AT UPPER THIRD OF RAFTERS, UNLESS NOTED OTHERWISE.
- FUR RIDGES FOR FULL RAFTER CONTACT.
- PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
-  DENOTES OVER-FRAMED AREA
- MINIMUM 7/16" OSB ROOF SHEATHING
- PROVIDE 2x4 RAFTER TIES AT 16" OC AT 45° BETWEEN RAFTERS AND CEILING JOISTS. USE (4) 16d NAILS AT EACH CONNECTION. RAFTER TIES MAY BE SPACED AT 48" OC AT LOCATIONS WHERE NO KNEE WALLS ARE INSTALLED.
- PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH RAFTER-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.
- UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.

BRICK VENEER LINTEL SCHEDULE		
SPAN	STEEL ANGLE SIZE	END BEARING LENGTH
UP TO 42"	L3-1/2"x3-1/2"x1/4"	8" (MIN. @ EACH END)
UP TO 72"	L6"x4"x5/16" (LLV)	8" (MIN. @ EACH END)
OVER 72"	L6"x4"x5/16" (LLV) ATTACH LINTEL w/ 1/2" THRU BOLT @ 12" OC, 3" FROM EACH END	

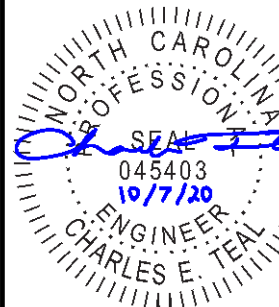
* FOR QUEEN BRICK: LINTELS AT THIS CONDITION MAY BE 5"x3-1/2"x5/16"

NOTE: BRICK LINTELS AT SLOPED AREAS TO BE 4"x3-1/2"x1/4" STEEL ANGLE WITH 16D NAILS IN 3/16" HOLES IN 4" ANGLE LEG AT 12" OC TO TRIPLE RAFTER. WHEN THE SLOPE EXCEEDS 4:12 A MINIMUM OF 3"x3"x1/4" PLATES SHALL BE WELDED AT 24" OC ALONG THE STEEL ANGLE.



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P-0961

JDSfaulkner, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL REQUIREMENTS OF THESE PLANS WITHOUT THE APPROVAL OF THE EOR IS PROHIBITED.



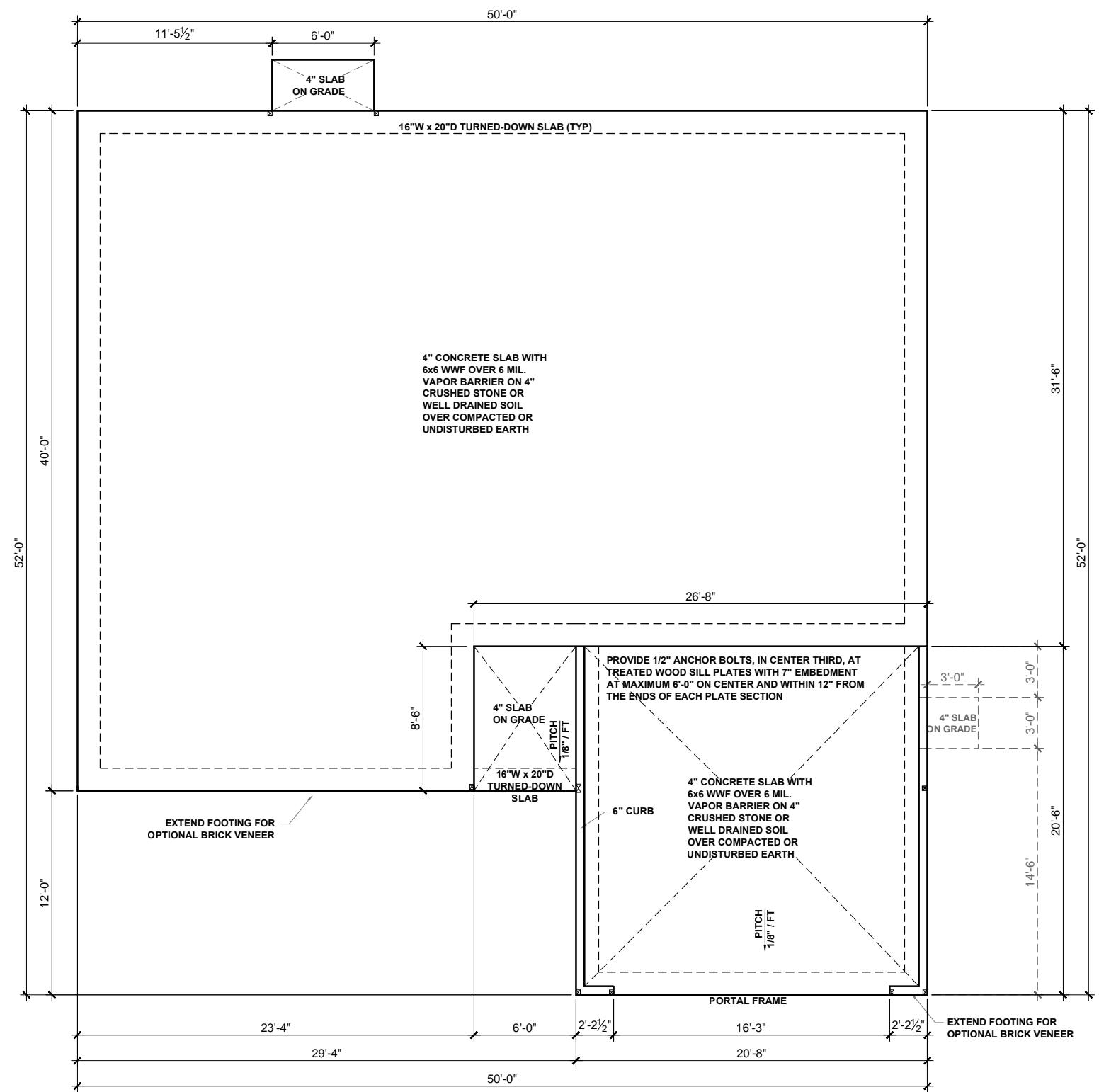
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PLAN:
150.1773

GENERAL NOTES

GN1.1

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BEAM & POINT LOAD LEGEND

	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

ALL CONCRETE CURBS SUPPORTING PORTAL FRAMED OR ENGINEERED OPENINGS IN GARAGES WITH A PONY WALL OVER 24" ABOVE THE GARAGE DOOR HEADER SHALL BE REQUIRED TO BE AT LEAST 8" WIDE.



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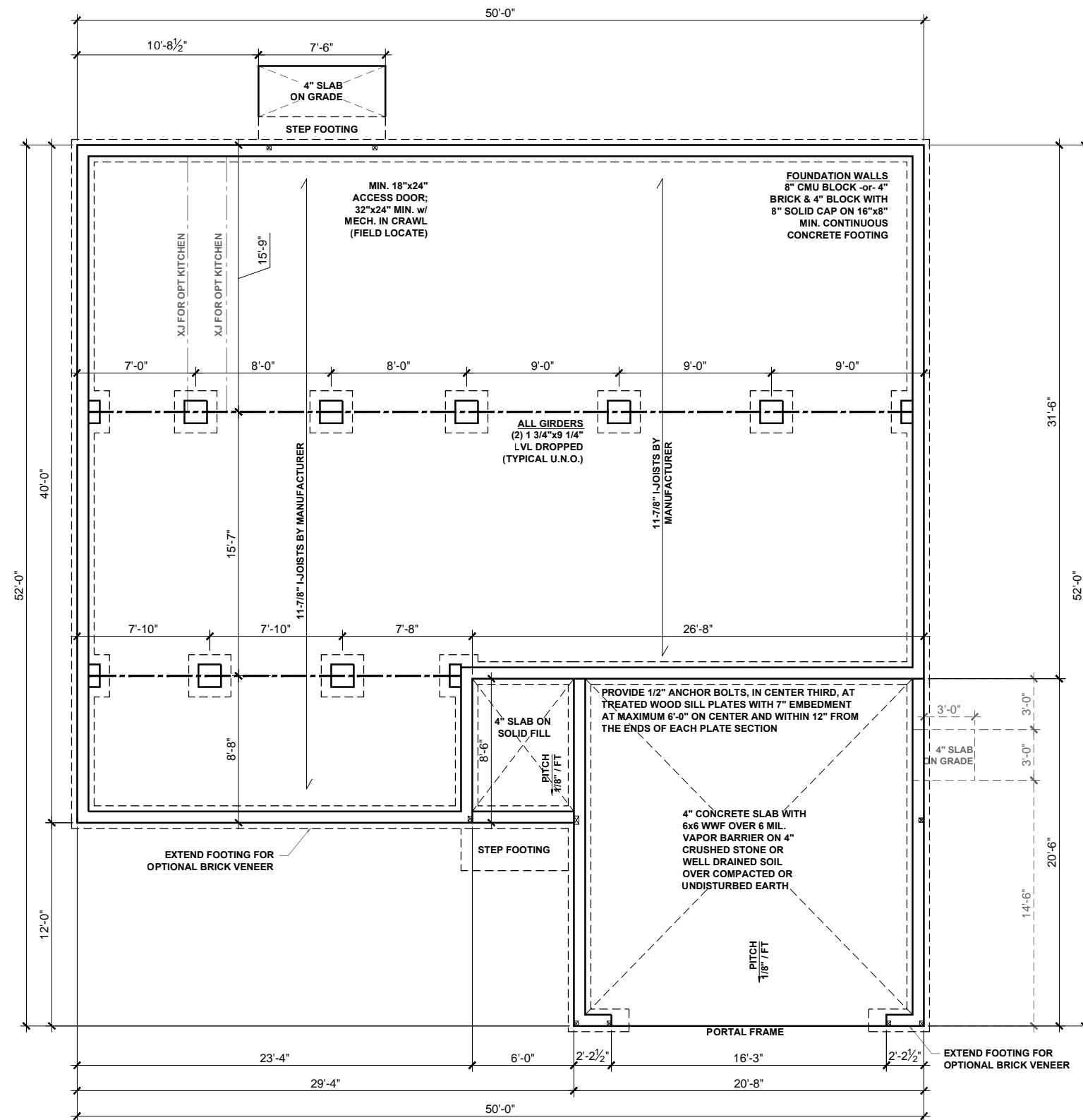
PLAN:
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SLAB
 FOUNDATION PLAN
S.10A

SLAB FOUNDATION PLAN - 'A'

SCALE: 1/8"=1'-0"

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BEAM & POINT LOAD LEGEND

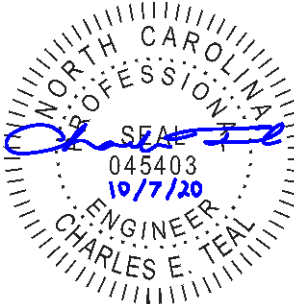
- INTERIOR LOAD BEARING WALL
- - - ROOF RAFTER / TRUSS SUPPORT
- · - · - DOUBLE RAFTER / DOUBLE JOIST
- STRUCTURAL BEAM / GIRDER
- WINDOW / DOOR HEADER
- ⊠ POINT LOAD TRANSFER
- POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)



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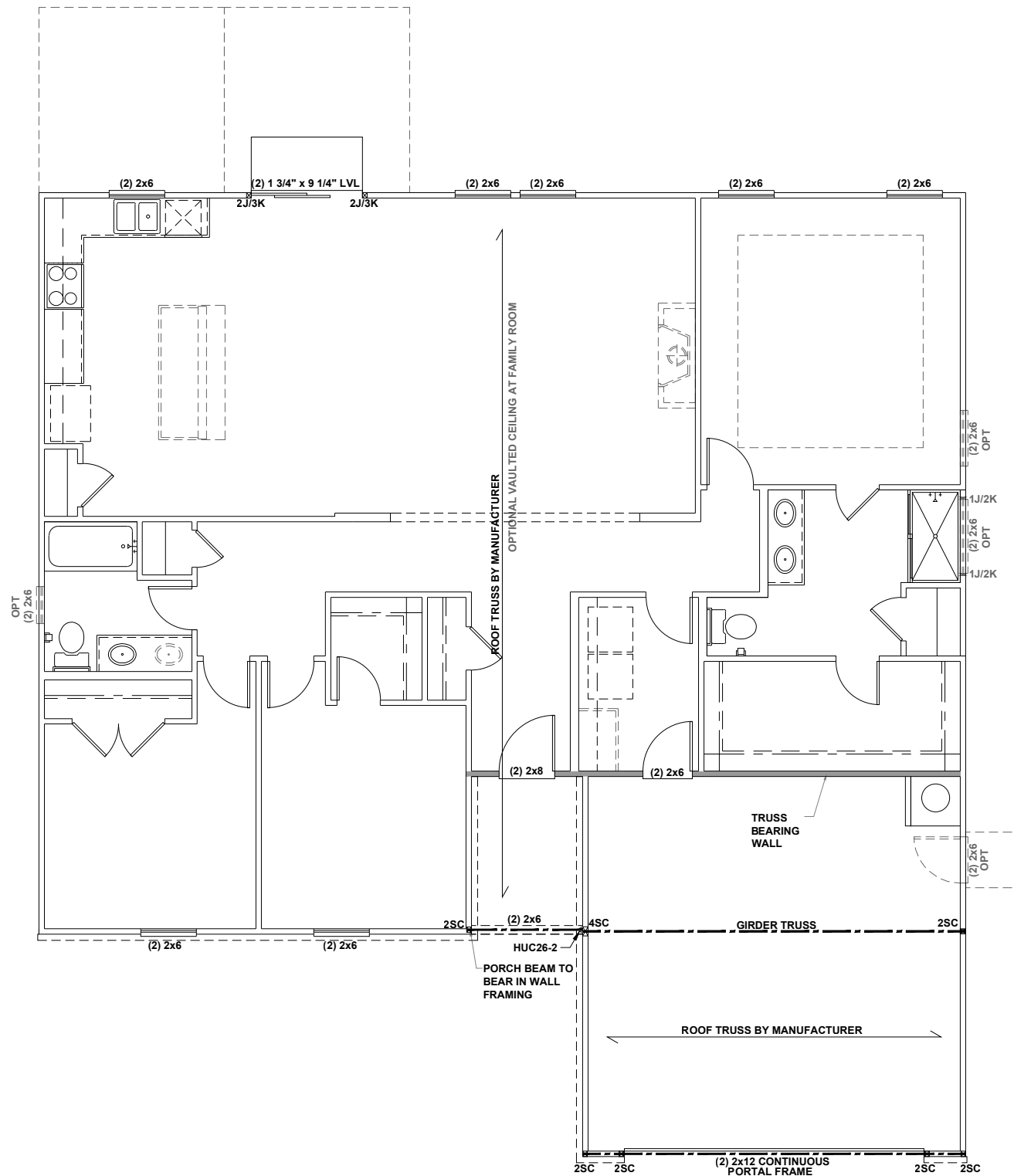
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CRAWL SPACE
 FOUNDATION PLAN

S.30A

CRAWL SPACE FOUNDATION PLAN - 'A'
 SCALE: 1/8"=1'-0"

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FIRST FLOOR CEILING FRAMING PLAN - 'A'

SCALE: 1/8"=1'-0"

BEAM & POINT LOAD LEGEND	
	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

- STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)**
- ALL FRAMING TO BE #2 SPF MINIMUM.
 - ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED w/ MIN (1) JACK AND (1) KING EACH END, UNO.
 - EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
 - ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) J / (1) K, UNO.
 - PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
 - ALL HANGERS AND CONNECTORS SPECIFIED ARE TO BE SIMPSON STRONG-TIE OR EQUIVALENT.
 - ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY SUBSTITUTED AS NEEDED FOR EASE OF CONSTRUCTION. MINIMUM BEAM SUPPORT IS (1) 2x4 STUD.
 - ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.
 - FRONT PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT TOP AND BOTTOM USING SIMPSON (OR EQUIV) COLUMN BASE OR SST A24 BRACKETS. TRIM OUT PER BUILDER.
 - PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT BOTTOM USING SIMPSON (OR EQUIV) ABA44 AND AT TOP USING CS 16 STRAPPING (12" MIN) TO PORCH HEADER / BAND.
 - WHEN A 4-PLY LVL IS USED, ATTACH WITH (1) 1/2" Ø BOLT 12" OC STAGGERED, TOP AND BOTTOM. 1-1/2" MIN FROM ENDS. ALTERNATE ATTACHMENT EQUIVALENT METHOD MAY BE USED, SUCH AS SDW OR TRUSSLOK SCREWS (SEE MANUFACTURER'S SPECIFICATIONS).
 - FOR STUD COLUMNS OF 4 OR MORE, INSTALL SST CS16 STRAPS @ 30" OC, 6" MAX FROM PLATES, ON INSIDE FACE OF COLUMN (EXTERIOR WALL), ON BOTH FACES OF COLUMN (INTERIOR WALL).

I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

ALL FLUSH BEAMS TO BE DIRECTLY SUPPORTED BY (2) 2X STUDS UNLESS OTHERWISE NOTED. STUD COLUMNS TO BE SUPPORTED BY SOLID BLOCKING TO FOUNDATION OR TO BEARING COMPONENT BELOW.

FLOOR FRAMING TO BE 14" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING



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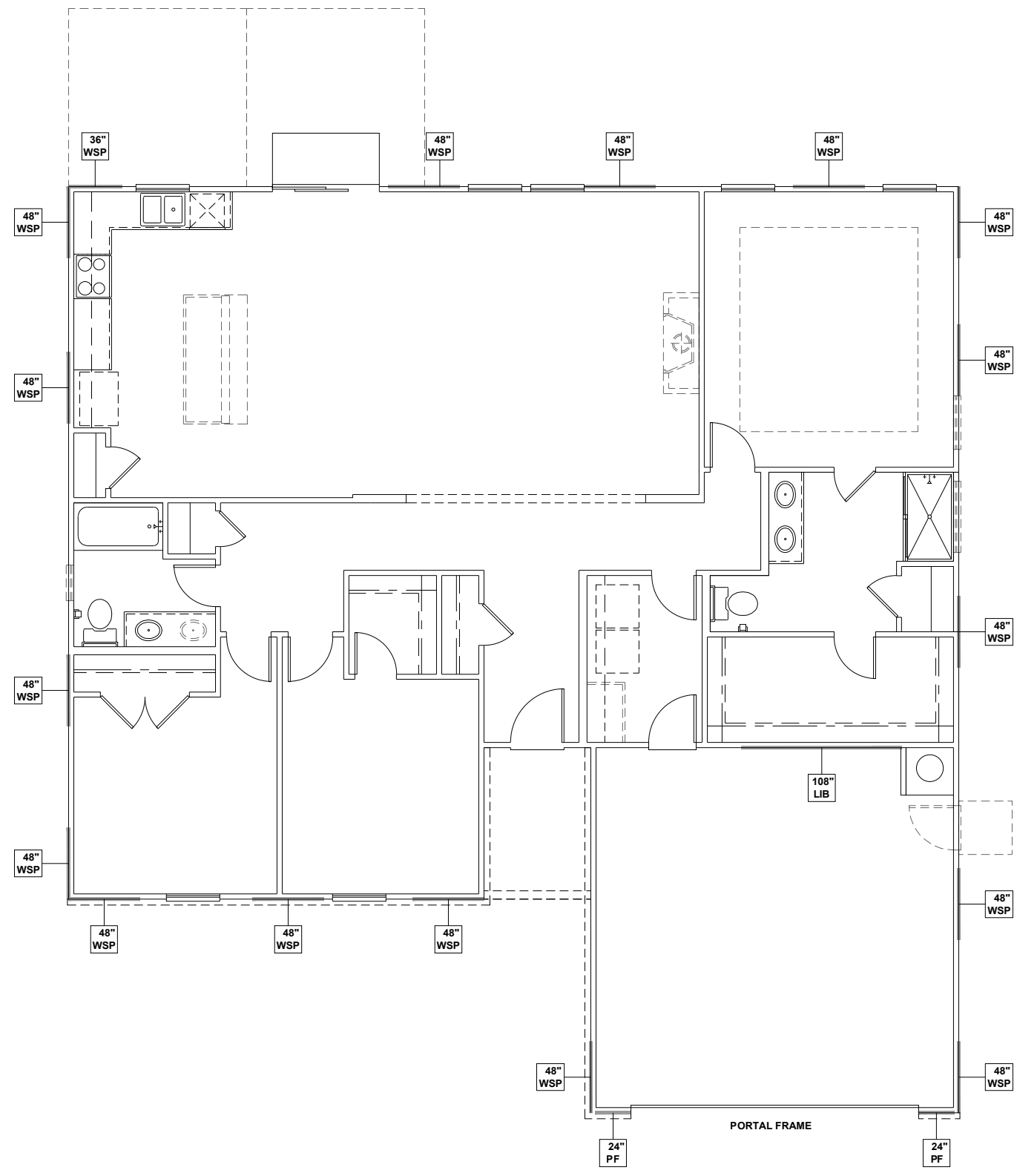
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FIRST FLOOR
CEILING FRAMING PLAN

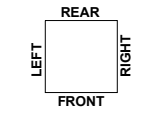
S1.0A

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WALL BRACING REQUIREMENTS

- MINIMUM PANEL WIDTH IS 24"
- FIGURES BASED ON THE CONTINUOUS SHEATHING METHOD USING THE RECTANGLE CIRCUMSCRIBED AROUND THE FLOOR PLAN OR PORTION OF THE FLOOR PLAN. IF NO RECTANGLE IS NOTED, THE STRUCTURE HAS BEEN FIGURED ALL WITHIN ONE RECTANGLE.
- PANELS MAY SHIFT UP TO 36" EITHER DIRECTION FOR EASE OF CONSTRUCTION (NAILING & BLOCK REQUIREMENTS STILL APPLY).
- FOR ADDITIONAL WALL BRACING INFORMATION, REFER TO WALL BRACING DETAIL SHEET(S).
- SCHEMATIC BELOW INDICATES HOW SIDES OF RECTANGLE ARE TO BE INTERPRETED IN BRACING CHART WHEN APPLIED TO STRUCTURE:



- ◆ CS16 STRAP FROM STUD, CROSS HEADER, TO WALL TOP PLATE, 36" LONG MINIMUM
 - ▶ SIMPSON MSTA15 HOLD DOWN CAPACITY OF 970 POUNDS PER ANCHOR WITH (12) 10d NAILS. STRAP TO BE LOCATED AT EDGE OF BRACED WALL PANEL. (CS16 STRAPPING MAY BE SUBSTITUTED w/ SIMILAR LENGTH AND NAILING PATTERN.) USE HTT4 FOR ATTACHMENT TO CONCRETE.
- SCALED LENGTH OF WALL PANEL AT LOCATION NUMERICAL LENGTH OF PANEL
 PANEL TYPE

WALL BRACING NOTE:

WALLS WITH PROVIDED LENGTH LISTED AS "N/A" DO NOT MEET THE REQUIREMENTS OF PRESCRIPTIVE WALL BRACING FOUND IN THE NCR. THESE WALLS HAVE BEEN ENGINEERED BASED ON DESIGN GUIDELINES ESTABLISHED IN ASCE-07 AND THE NDS: WIND & SEISMIC PROVISIONS SUPPLEMENT.

WALL BRACING: RECTANGLE 1

SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	9.0 FT.	20.0 FT.
RIGHT	8.5 FT.	16.0 FT.
REAR	9.0 FT.	15.0 FT.
LEFT	8.5 FT.	24.0 FT.



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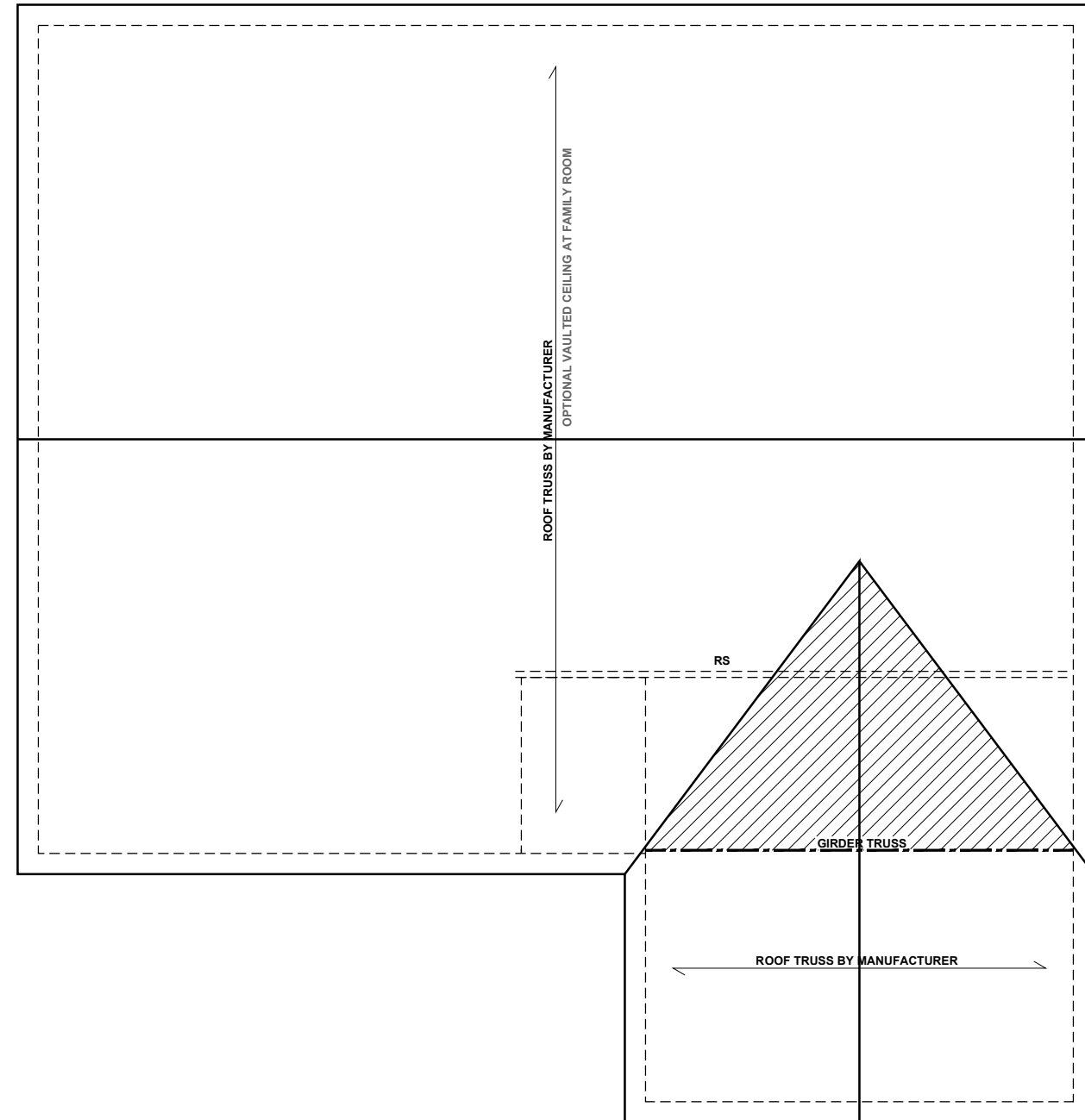
PLAN:
150.1773

FIRST FLOOR
 WALL BRACING PLAN
S4.0A

FIRST FLOOR WALL BRACING PLAN - 'A'

SCALE: 1/8"=1'-0"

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ROOF FRAMING PLAN - 'A'
SCALE: 1/8"=1'-0"

BEAM & POINT LOAD LEGEND

	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

- TRUSSED ROOF - STRUCTURAL NOTES**
- PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
 - DENOTES OVER-FRAMED AREA
 - MINIMUM 7/16" OSB ROOF SHEATHING
 - TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS MANUFACTURER. TRUSS PLANS TO BE COORDINATED WITH THE SEALED STRUCTURAL DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.
 - PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.
 - UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.

TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING

TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE:

ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.

ROOF PLAN UP TO 28'	CONNECTOR NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION
OVER 28'	(1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE



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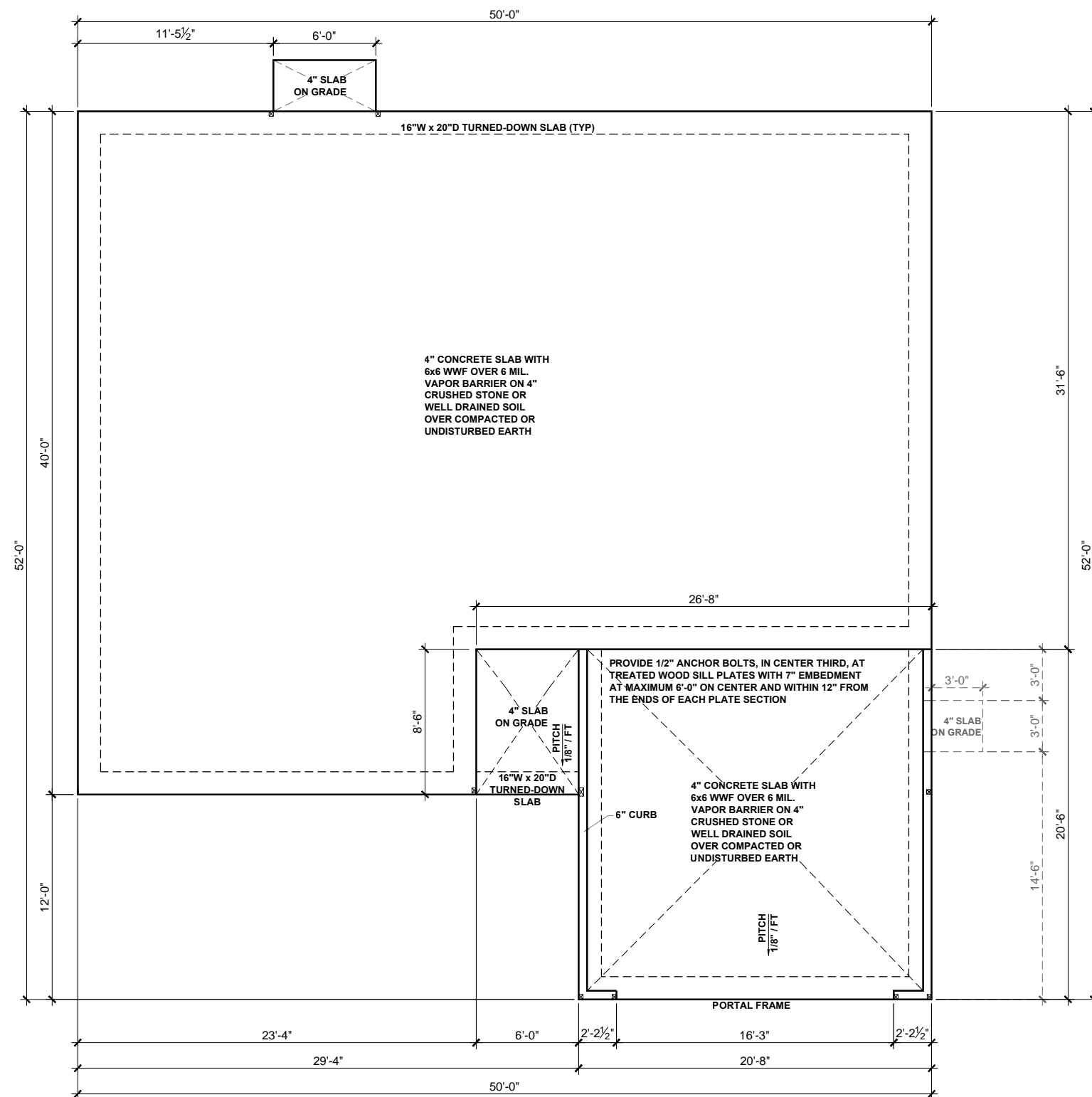


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ROOF FRAMING PLAN
S7.0A

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BEAM & POINT LOAD LEGEND

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- · - · - DOUBLE RAFTER / DOUBLE JOIST
- - - STRUCTURAL BEAM / GIRDER
- WINDOW / DOOR HEADER
- ⊠ POINT LOAD TRANSFER
- POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

ALL CONCRETE CURBS SUPPORTING PORTAL FRAMED OR ENGINEERED OPENINGS IN GARAGES WITH A PONY WALL OVER 24" ABOVE THE GARAGE DOOR HEADER SHALL BE REQUIRED TO BE AT LEAST 8" WIDE.



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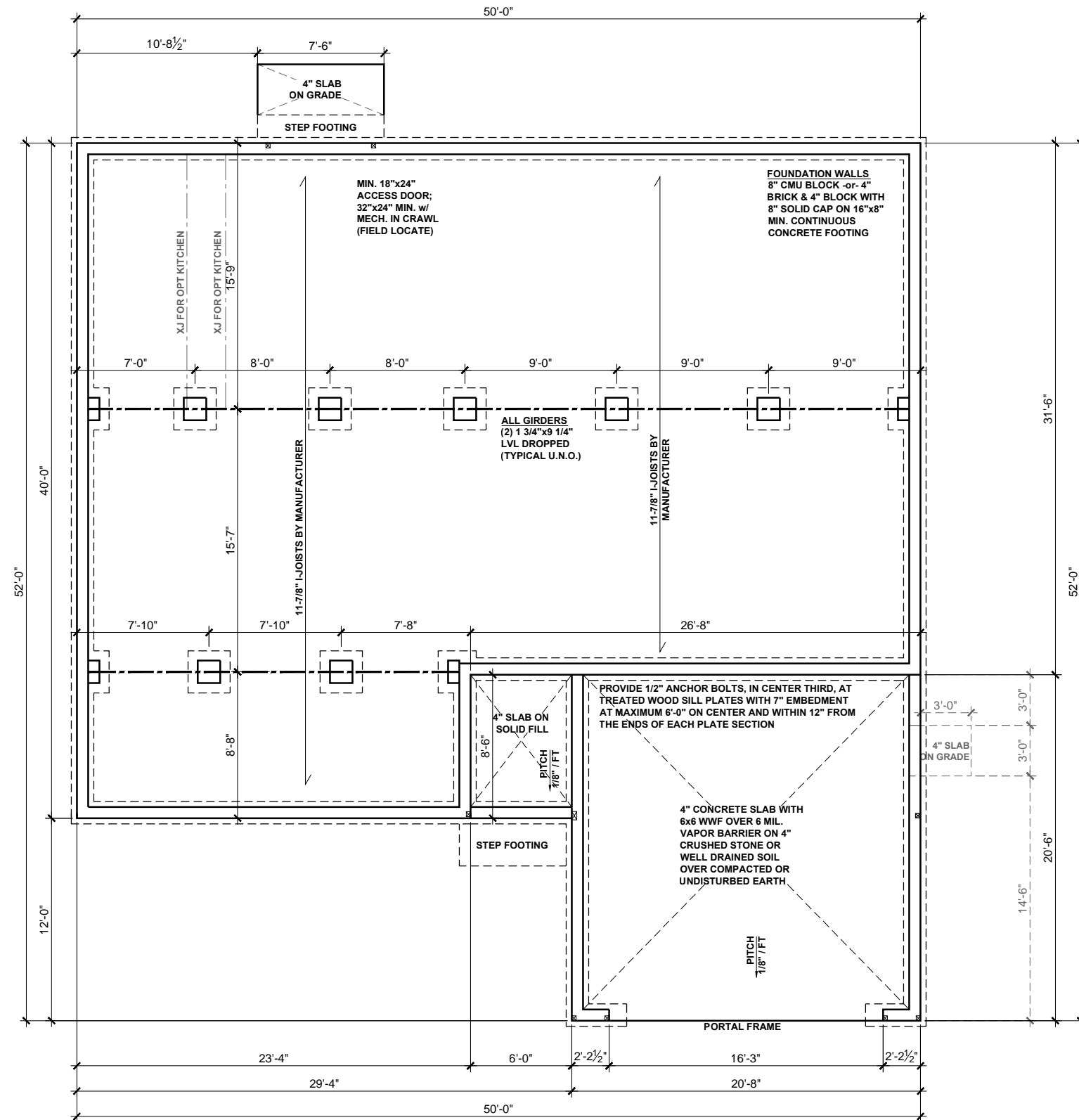
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SLAB
 FOUNDATION PLAN
S.10B

SLAB FOUNDATION PLAN - 'B'
 SCALE: 1/8"=1'-0"

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BEAM & POINT LOAD LEGEND

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- - - DOUBLE RAFTER / DOUBLE JOIST
- STRUCTURAL BEAM / GIRDER
- WINDOW / DOOR HEADER
- ⊠ POINT LOAD TRANSFER
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I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)



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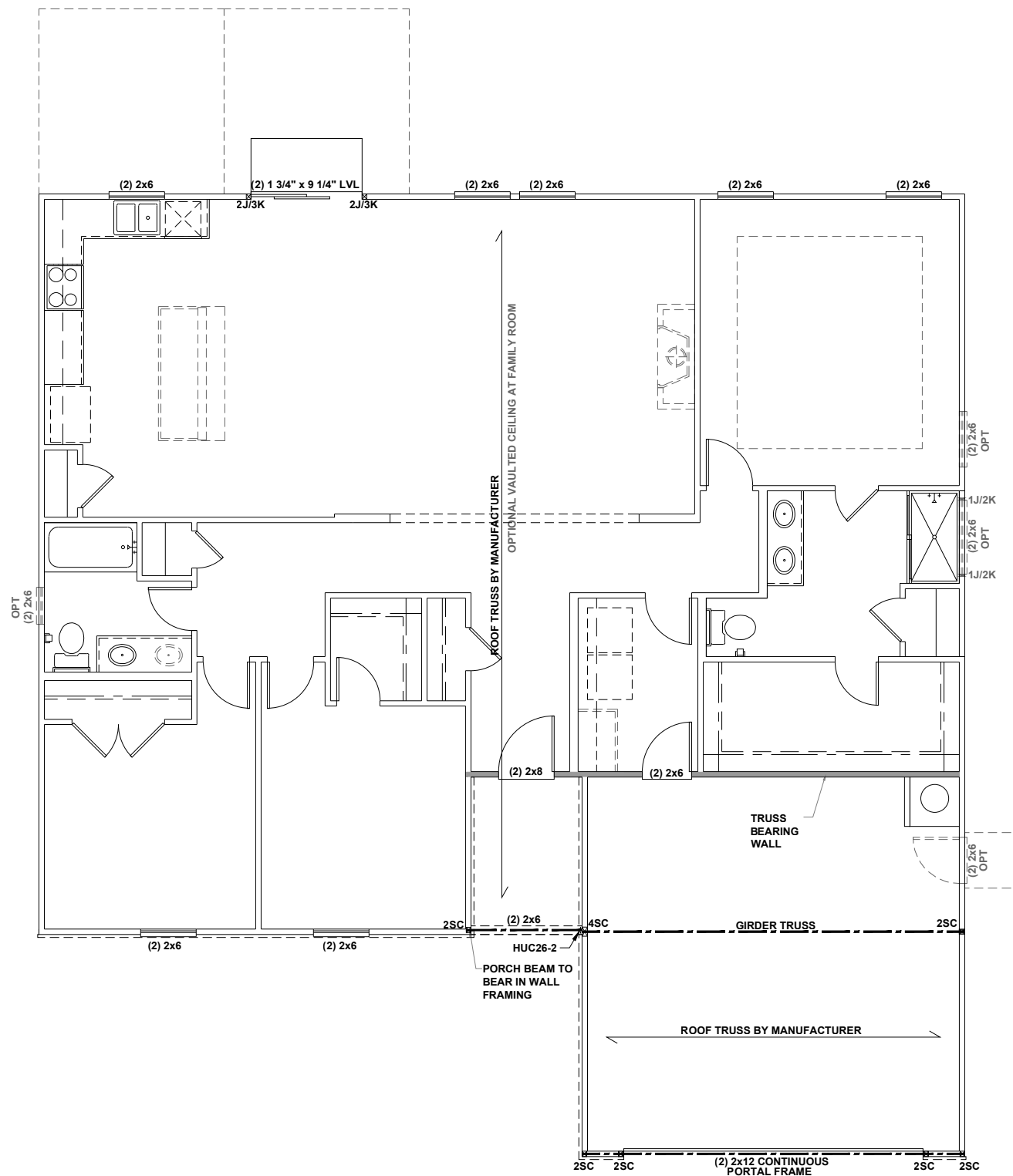
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CRAWL SPACE
FOUNDATION PLAN
S.30B

CRAWL SPACE FOUNDATION PLAN - 'B'
SCALE: 1/8"=1'-0"

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FIRST FLOOR CEILING FRAMING PLAN - 'B'

SCALE: 1/8"=1'-0"

BEAM & POINT LOAD LEGEND

- INTERIOR LOAD BEARING WALL
- - - ROOF RAFTER / TRUSS SUPPORT
- · - · - DOUBLE RAFTER / DOUBLE JOIST
- - - STRUCTURAL BEAM / GIRDER
- WINDOW / DOOR HEADER
- ⊠ POINT LOAD TRANSFER
- POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

- STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)**
1. ALL FRAMING TO BE #2 SPF MINIMUM.
 2. ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED w/ MIN (1) JACK AND (1) KING EACH END, UNO.
 3. EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
 4. ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) J / (1) K, UNO.
 5. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
 6. ALL HANGERS AND CONNECTORS SPECIFIED ARE TO BE SIMPSON STRONG-TIE OR EQUIVALENT.
 7. ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY SUBSTITUTED AS NEEDED FOR EASE OF CONSTRUCTION. MINIMUM BEAM SUPPORT IS (1) 2x4 STUD.
 8. ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.
 9. FRONT PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT TOP AND BOTTOM USING SIMPSON (OR EQUIV) COLUMN BASE OR SST A24 BRACKETS. TRIM OUT PER BUILDER.
 10. PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT BOTTOM USING SIMPSON (OR EQUIV) ABA44 AND AT TOP USING CS 16 STRAPPING (12" MIN) TO PORCH HEADER / BAND.
 11. WHEN A 4-PLY LVL IS USED, ATTACH WITH (1) 1/2" Ø BOLT 12" OC STAGGERED, TOP AND BOTTOM, 1-1/2" MIN FROM ENDS. ALTERNATE ATTACHMENT EQUIVALENT METHOD MAY BE USED, SUCH AS SDW OR TRUSSLOK SCREWS (SEE MANUFACTURER'S SPECIFICATIONS).
 12. FOR STUD COLUMNS OF 4 OR MORE, INSTALL SST CS16 STRAPS @ 30" OC, 6" MAX FROM PLATES, ON INSIDE FACE OF COLUMN (EXTERIOR WALL), ON BOTH FACES OF COLUMN (INTERIOR WALL).

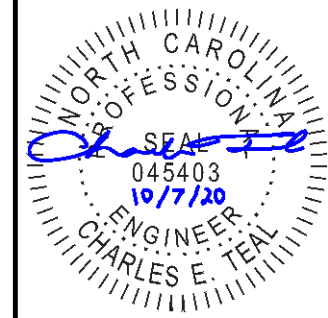
I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

ALL FLUSH BEAMS TO BE DIRECTLY SUPPORTED BY (2) 2X STUDS UNLESS OTHERWISE NOTED. STUD COLUMNS TO BE SUPPORTED BY SOLID BLOCKING TO FOUNDATION OR TO BEARING COMPONENT BELOW.

FLOOR FRAMING TO BE 14" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING



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P-0961

JDSfaulkner, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL REQUIREMENTS OF THESE PLANS WITHOUT THE APPROVAL OF THE EOR IS PROHIBITED.

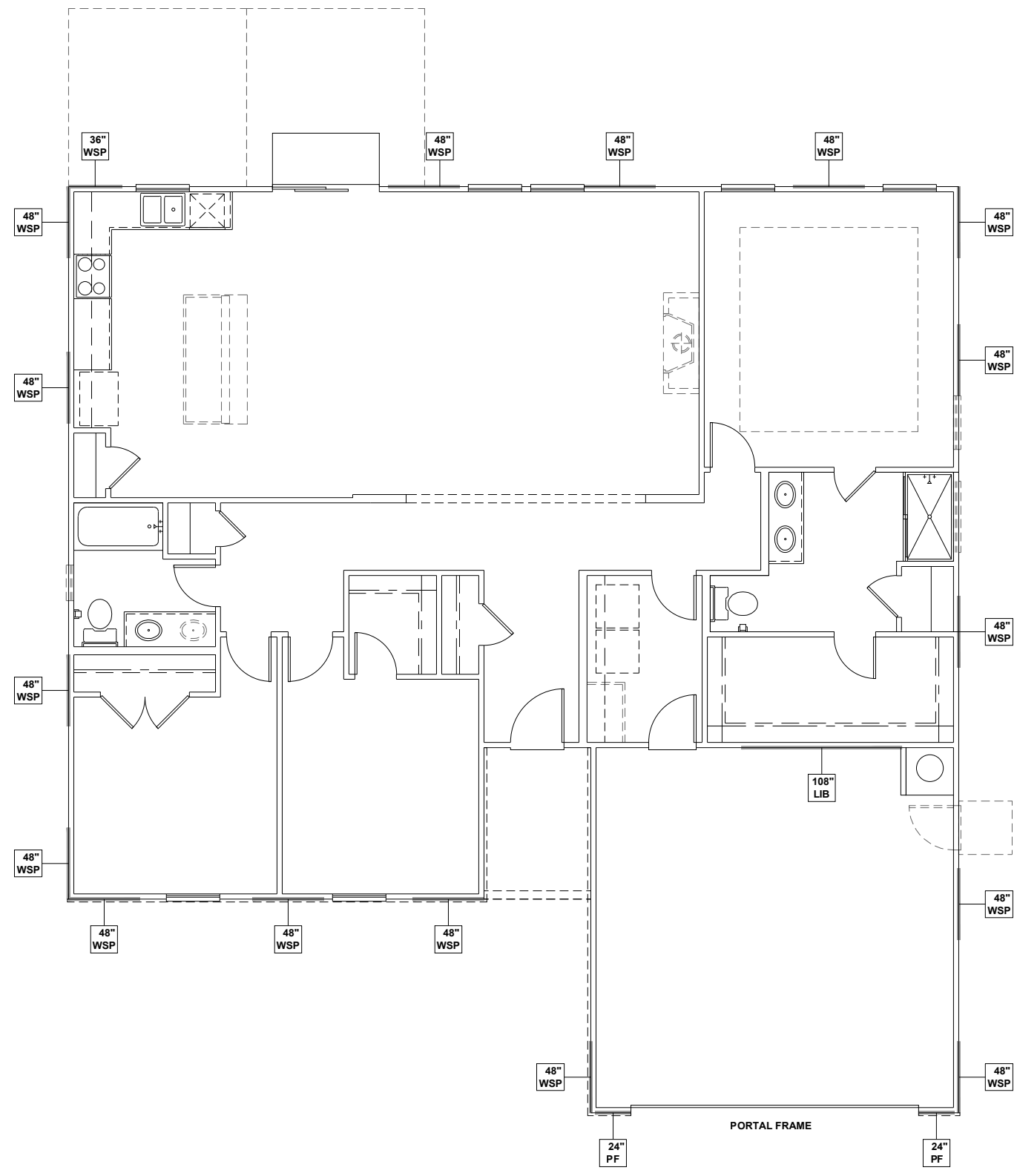


PROJECT NO.: 20901648
DATE: 10/07/2020

PLAN:
150.1773

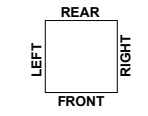
FIRST FLOOR
CEILING FRAMING PLAN
S1.0B

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WALL BRACING REQUIREMENTS

- MINIMUM PANEL WIDTH IS 24"
- FIGURES BASED ON THE CONTINUOUS SHEATHING METHOD USING THE RECTANGLE CIRCUMSCRIBED AROUND THE FLOOR PLAN OR PORTION OF THE FLOOR PLAN. IF NO RECTANGLE IS NOTED, THE STRUCTURE HAS BEEN FIGURED ALL WITHIN ONE RECTANGLE.
- PANELS MAY SHIFT UP TO 36" EITHER DIRECTION FOR EASE OF CONSTRUCTION (NAILING & BLOCK REQUIREMENTS STILL APPLY).
- FOR ADDITIONAL WALL BRACING INFORMATION, REFER TO WALL BRACING DETAIL SHEET(S).
- SCHEMATIC BELOW INDICATES HOW SIDES OF RECTANGLE ARE TO BE INTERPRETED IN BRACING CHART WHEN APPLIED TO STRUCTURE:



- ◆ CS16 STRAP FROM STUD, CROSS HEADER, TO WALL TOP PLATE, 36" LONG MINIMUM
 - ▶ SIMPSON MSTA15 HOLD DOWN CAPACITY OF 970 POUNDS PER ANCHOR WITH (12) 10d NAILS. STRAP TO BE LOCATED AT EDGE OF BRACED WALL PANEL. (CS16 STRAPPING MAY BE SUBSTITUTED w/ SIMILAR LENGTH AND NAILING PATTERN.) USE HTT4 FOR ATTACHMENT TO CONCRETE.
- SCALED LENGTH OF WALL PANEL AT LOCATION NUMERICAL LENGTH OF PANEL
 PANEL TYPE

WALL BRACING NOTE:

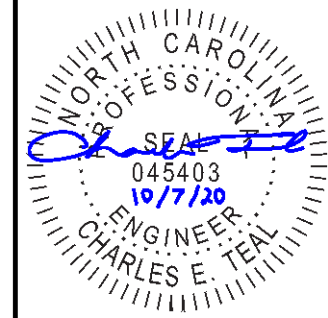
WALLS WITH PROVIDED LENGTH LISTED AS "N/A" DO NOT MEET THE REQUIREMENTS OF PRESCRIPTIVE WALL BRACING FOUND IN THE NCR. THESE WALLS HAVE BEEN ENGINEERED BASED ON DESIGN GUIDELINES ESTABLISHED IN ASCE-07 AND THE NDS: WIND & SEISMIC PROVISIONS SUPPLEMENT.

WALL BRACING: RECTANGLE 1

SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	9.0 FT.	20.0 FT.
RIGHT	8.5 FT.	16.0 FT.
REAR	9.0 FT.	15.0 FT.
LEFT	8.5 FT.	24.0 FT.



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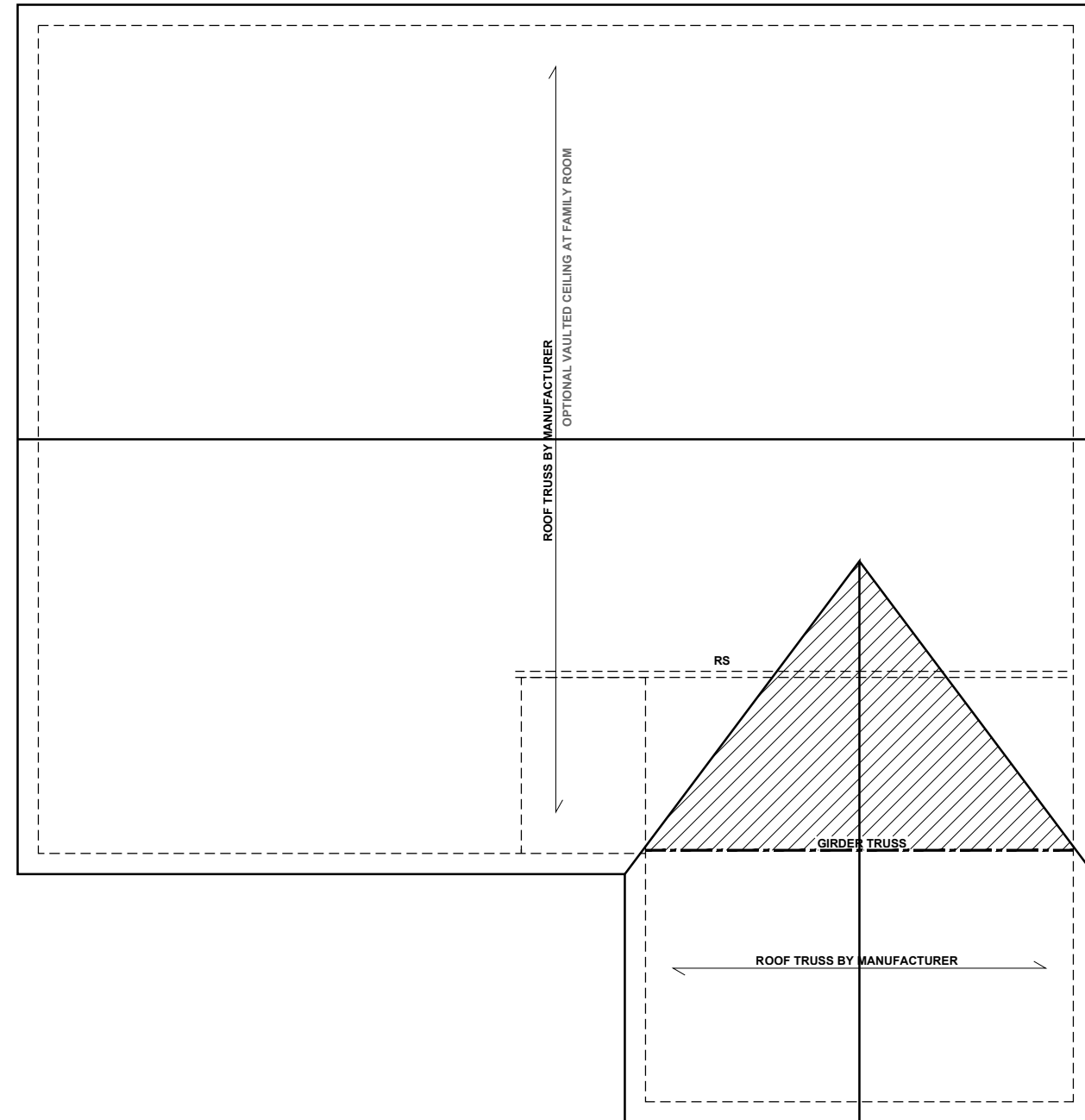
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FIRST FLOOR
 WALL BRACING PLAN
S4.0B

FIRST FLOOR WALL BRACING PLAN - 'B'
 SCALE: 1/8"=1'-0"

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ROOF FRAMING PLAN - 'B'
SCALE: 1/8"=1'-0"

BEAM & POINT LOAD LEGEND

	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

- TRUSSED ROOF - STRUCTURAL NOTES**
- PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
 - DENOTES OVER-FRAMED AREA
 - MINIMUM 7/16" OSB ROOF SHEATHING
 - TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS MANUFACTURER. TRUSS PLANS TO BE COORDINATED WITH THE SEALED STRUCTURAL DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.
 - PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.
 - UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.

TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING

TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE:

ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.

ROOF PLAN UP TO 28'	CONNECTOR NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION
OVER 28'	(1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE



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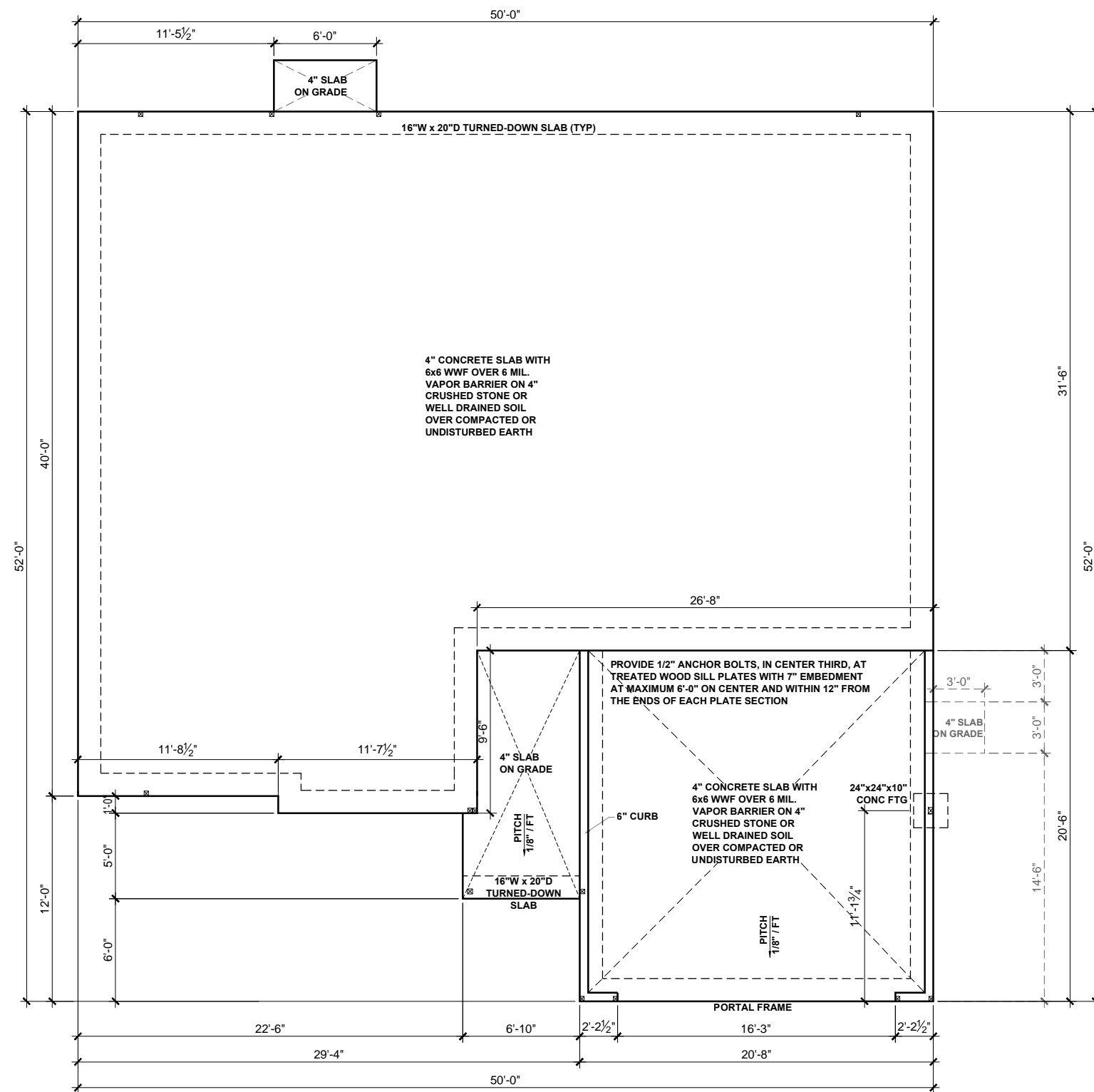


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ROOF FRAMING PLAN
S7.0B

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SLAB FOUNDATION PLAN - 'C'
SCALE: 1/8"=1'-0"

BEAM & POINT LOAD LEGEND

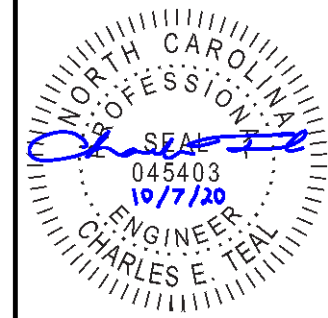
- INTERIOR LOAD BEARING WALL
- - - ROOF RAFTER / TRUSS SUPPORT
- · - · - DOUBLE RAFTER / DOUBLE JOIST
- - - STRUCTURAL BEAM / GIRDER
- WINDOW / DOOR HEADER
- ⊠ POINT LOAD TRANSFER
- POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

ALL CONCRETE CURBS SUPPORTING PORTAL FRAMED OR ENGINEERED OPENINGS IN GARAGES WITH A PONY WALL OVER 24" ABOVE THE GARAGE DOOR HEADER SHALL BE REQUIRED TO BE AT LEAST 8" WIDE.



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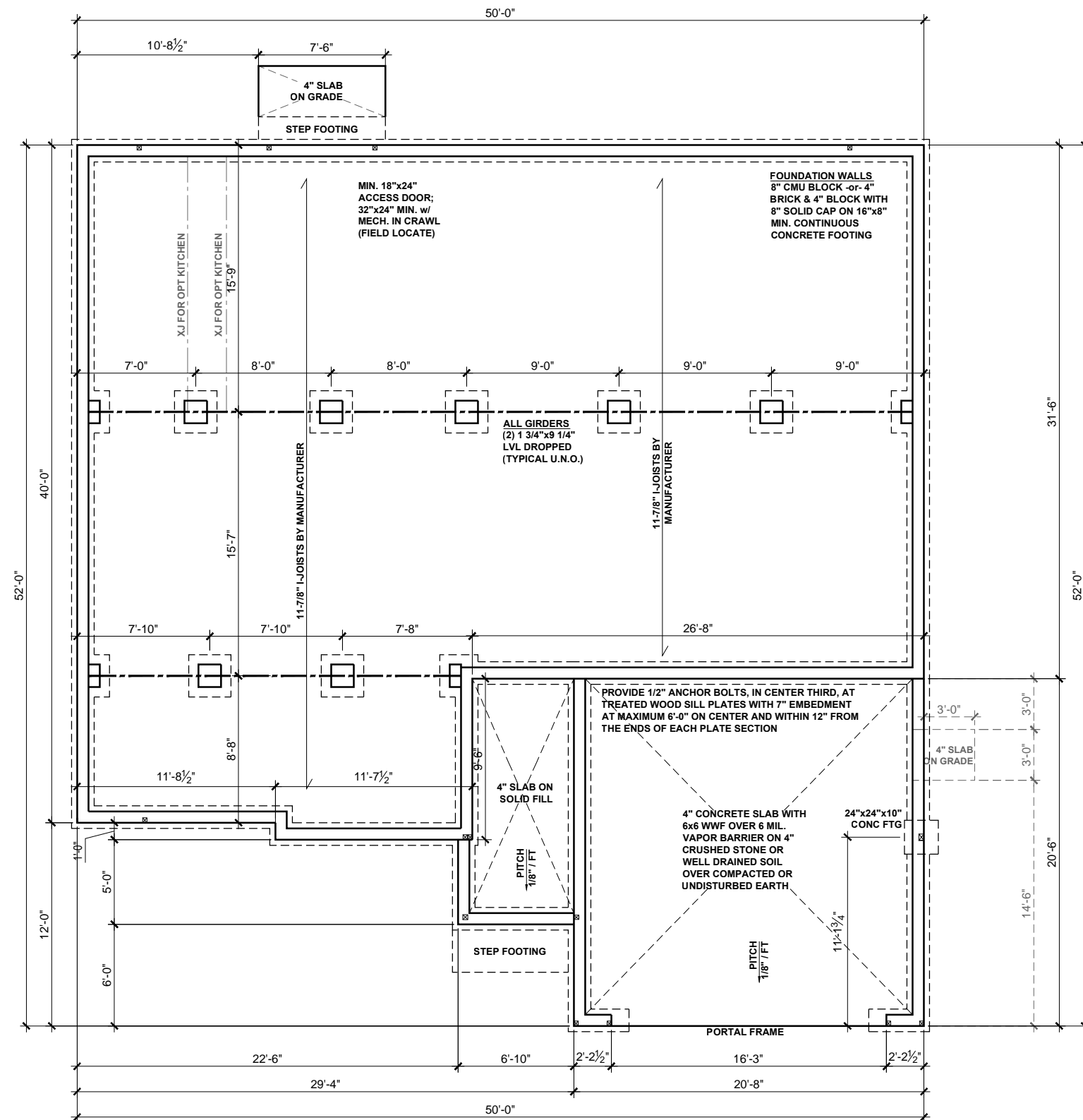


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DATE: 10/07/2020

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SLAB
FOUNDATION PLAN
S.10C

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BEAM & POINT LOAD LEGEND

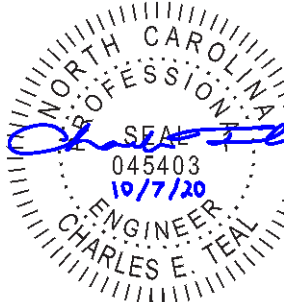
- INTERIOR LOAD BEARING WALL
- - - ROOF RAFTER / TRUSS SUPPORT
- · - · - DOUBLE RAFTER / DOUBLE JOIST
- STRUCTURAL BEAM / GIRDER
- WINDOW / DOOR HEADER
- ⊠ POINT LOAD TRANSFER
- POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)



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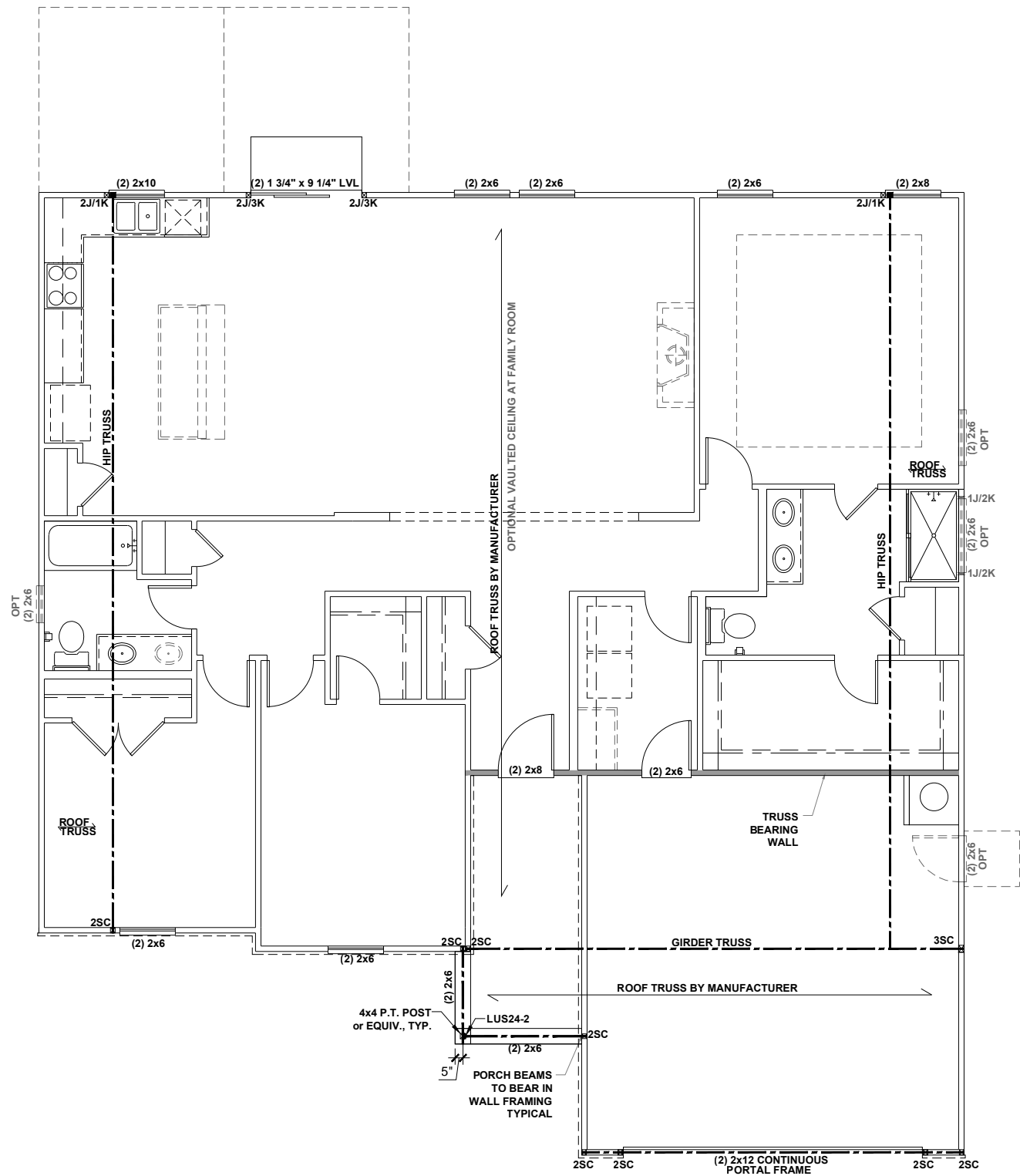
PLAN:
150.1773

CRAWL SPACE
FOUNDATION PLAN

S.30C

CRAWL SPACE FOUNDATION PLAN - 'C'
SCALE: 1/8"=1'-0"

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FIRST FLOOR CEILING FRAMING PLAN - 'C'

SCALE: 1/8"=1'-0"

BEAM & POINT LOAD LEGEND	
	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

- STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)**
- ALL FRAMING TO BE #2 SPF MINIMUM.
 - ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED w/ MIN (1) JACK AND (1) KING EACH END, UNO.
 - EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
 - ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) J / (1) K, UNO.
 - PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
 - ALL HANGERS AND CONNECTORS SPECIFIED ARE TO BE SIMPSON STRONG-TIE OR EQUIVALENT.
 - ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY SUBSTITUTED AS NEEDED FOR EASE OF CONSTRUCTION. MINIMUM BEAM SUPPORT IS (1) 2x4 STUD.
 - ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.
 - FRONT PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT TOP AND BOTTOM USING SIMPSON (OR EQUIV) COLUMN BASE OR SST A24 BRACKETS. TRIM OUT PER BUILDER.
 - PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT BOTTOM USING SIMPSON (OR EQUIV) ABA44 AND AT TOP USING CS 16 STRAPPING (12" MIN) TO PORCH HEADER / BAND.
 - WHEN A 4-PLY LVL IS USED, ATTACH WITH (1) 1/2" Ø BOLT 12" OC STAGGERED, TOP AND BOTTOM. 1-1/2" MIN FROM ENDS. ALTERNATE ATTACHMENT EQUIVALENT METHOD MAY BE USED, SUCH AS SDW OR TRUSSLOK SCREWS (SEE MANUFACTURER'S SPECIFICATIONS).
 - FOR STUD COLUMNS OF 4 OR MORE, INSTALL SST CS16 STRAPS @ 30" OC, 6" MAX FROM PLATES, ON INSIDE FACE OF COLUMN (EXTERIOR WALL), ON BOTH FACES OF COLUMN (INTERIOR WALL).

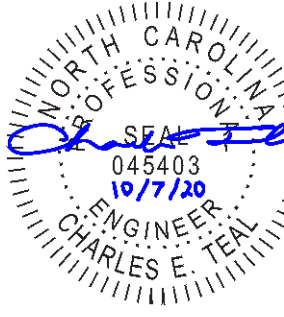
I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

ALL FLUSH BEAMS TO BE DIRECTLY SUPPORTED BY (2) 2X STUDS UNLESS OTHERWISE NOTED. STUD COLUMNS TO BE SUPPORTED BY SOLID BLOCKING TO FOUNDATION OR TO BEARING COMPONENT BELOW.

FLOOR FRAMING TO BE 14" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING



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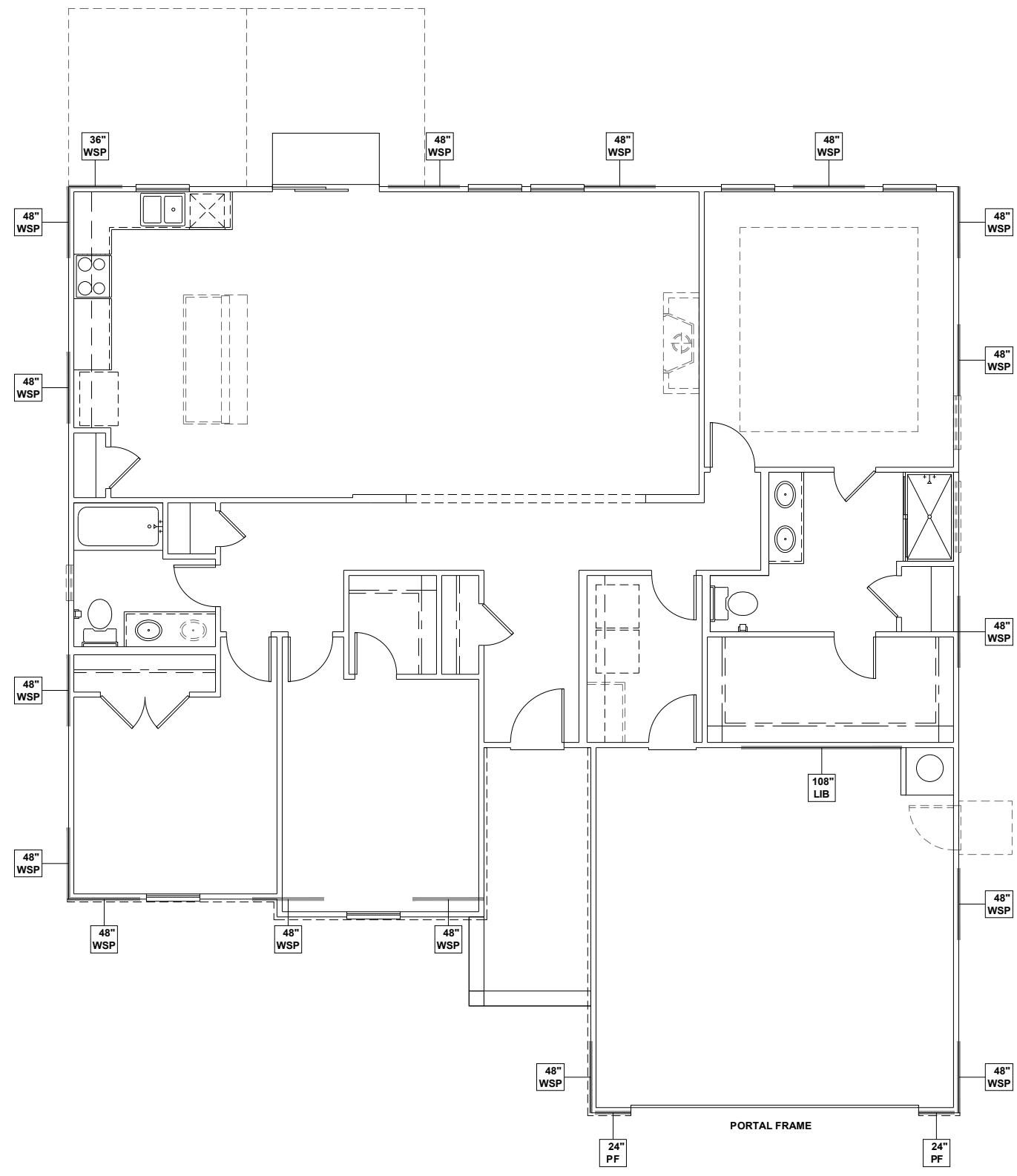
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FIRST FLOOR
CEILING FRAMING PLAN

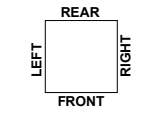
S1.0C

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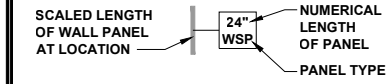


WALL BRACING REQUIREMENTS

- MINIMUM PANEL WIDTH IS 24"
- FIGURES BASED ON THE CONTINUOUS SHEATHING METHOD USING THE RECTANGLE CIRCUMSCRIBED AROUND THE FLOOR PLAN OR PORTION OF THE FLOOR PLAN. IF NO RECTANGLE IS NOTED, THE STRUCTURE HAS BEEN FIGURED ALL WITHIN ONE RECTANGLE.
- PANELS MAY SHIFT UP TO 36" EITHER DIRECTION FOR EASE OF CONSTRUCTION (NAILING & BLOCK REQUIREMENTS STILL APPLY).
- FOR ADDITIONAL WALL BRACING INFORMATION, REFER TO WALL BRACING DETAIL SHEET(S).
- SCHEMATIC BELOW INDICATES HOW SIDES OF RECTANGLE ARE TO BE INTERPRETED IN BRACING CHART WHEN APPLIED TO STRUCTURE:



- ◆ CS16 STRAP FROM STUD, CROSS HEADER, TO WALL TOP PLATE, 36" LONG MINIMUM
- ▶ SIMPSON MSTA15 HOLD DOWN CAPACITY OF 970 POUNDS PER ANCHOR WITH (12) 10d NAILS. STRAP TO BE LOCATED AT EDGE OF BRACED WALL PANEL. (CS16 STRAPPING MAY BE SUBSTITUTED w/ SIMILAR LENGTH AND NAILING PATTERN.) USE HTT4 FOR ATTACHMENT TO CONCRETE.



WALL BRACING NOTE:

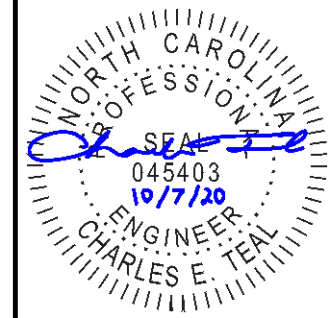
WALLS WITH PROVIDED LENGTH LISTED AS "N/A" DO NOT MEET THE REQUIREMENTS OF PRESCRIPTIVE WALL BRACING FOUND IN THE NCR. THESE WALLS HAVE BEEN ENGINEERED BASED ON DESIGN GUIDELINES ESTABLISHED IN ASCE-07 AND THE NDS: WIND & SEISMIC PROVISIONS SUPPLEMENT.

WALL BRACING: RECTANGLE 1

SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	9.0 FT.	20.0 FT.
RIGHT	8.5 FT.	16.0 FT.
REAR	9.0 FT.	15.0 FT.
LEFT	8.5 FT.	24.0 FT.



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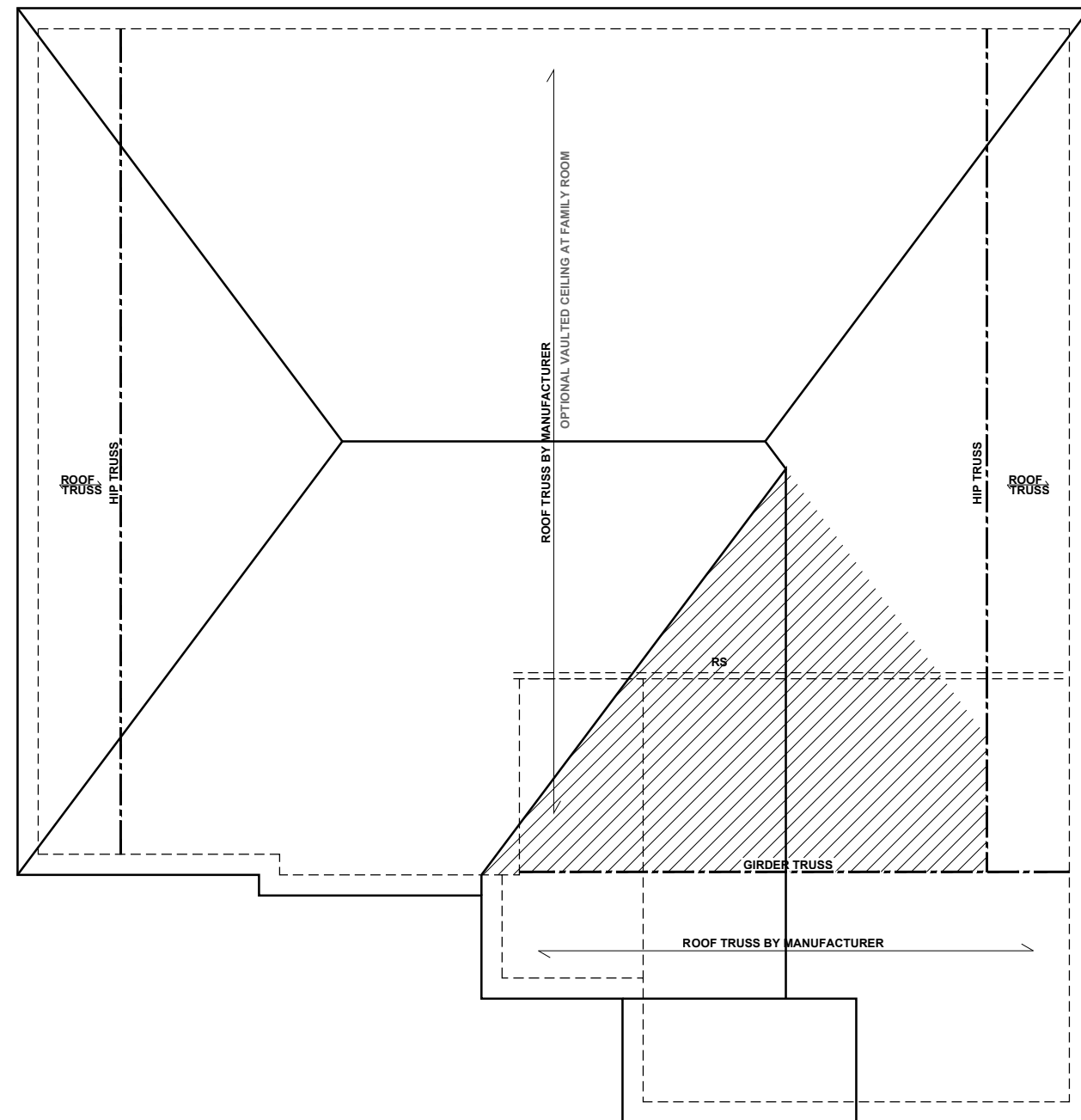
FIRST FLOOR
WALL BRACING PLAN

S4.0C

FIRST FLOOR WALL BRACING PLAN - 'C'

SCALE: 1/8"=1'-0"

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ROOF FRAMING PLAN - 'C'
SCALE: 1/8"=1'-0"

BEAM & POINT LOAD LEGEND

	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

- TRUSSED ROOF - STRUCTURAL NOTES**
- PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
 - DENOTES OVER-FRAMED AREA
 - MINIMUM 7/16" OSB ROOF SHEATHING
 - TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS MANUFACTURER. TRUSS PLANS TO BE COORDINATED WITH THE SEALED STRUCTURAL DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.
 - PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.
 - UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.

TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING

TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE:

ROOF PLAN UP TO 28'	CONNECTOR NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION
OVER 28'	(1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE



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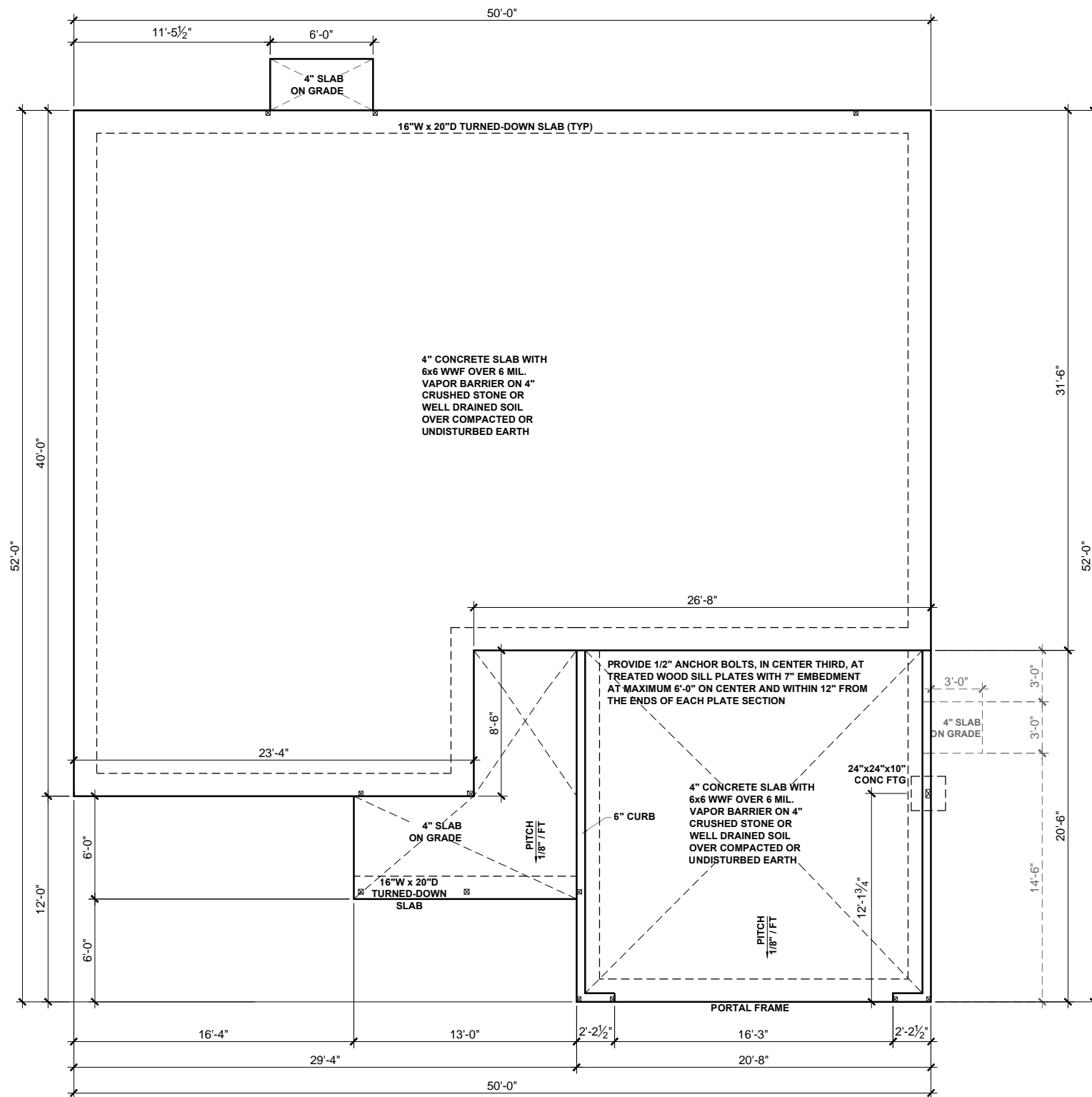


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ROOF FRAMING PLAN
S7.0C

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BEAM & POINT LOAD LEGEND

- INTERIOR LOAD BEARING WALL
- - - ROOF RAFTER / TRUSS SUPPORT
- · - · - DOUBLE RAFTER / DOUBLE JOIST
- - - STRUCTURAL BEAM / GIRDER
- WINDOW / DOOR HEADER
- ⊠ POINT LOAD TRANSFER
- POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

ALL CONCRETE CURBS SUPPORTING PORTAL FRAMED OR ENGINEERED OPENINGS IN GARAGES WITH A PONY WALL OVER 24" ABOVE THE GARAGE DOOR HEADER SHALL BE REQUIRED TO BE AT LEAST 8" WIDE.



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JDSfaulkner, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL REQUIREMENTS OF THESE PLANS WITHOUT THE APPROVAL OF THE EOR IS PROHIBITED.



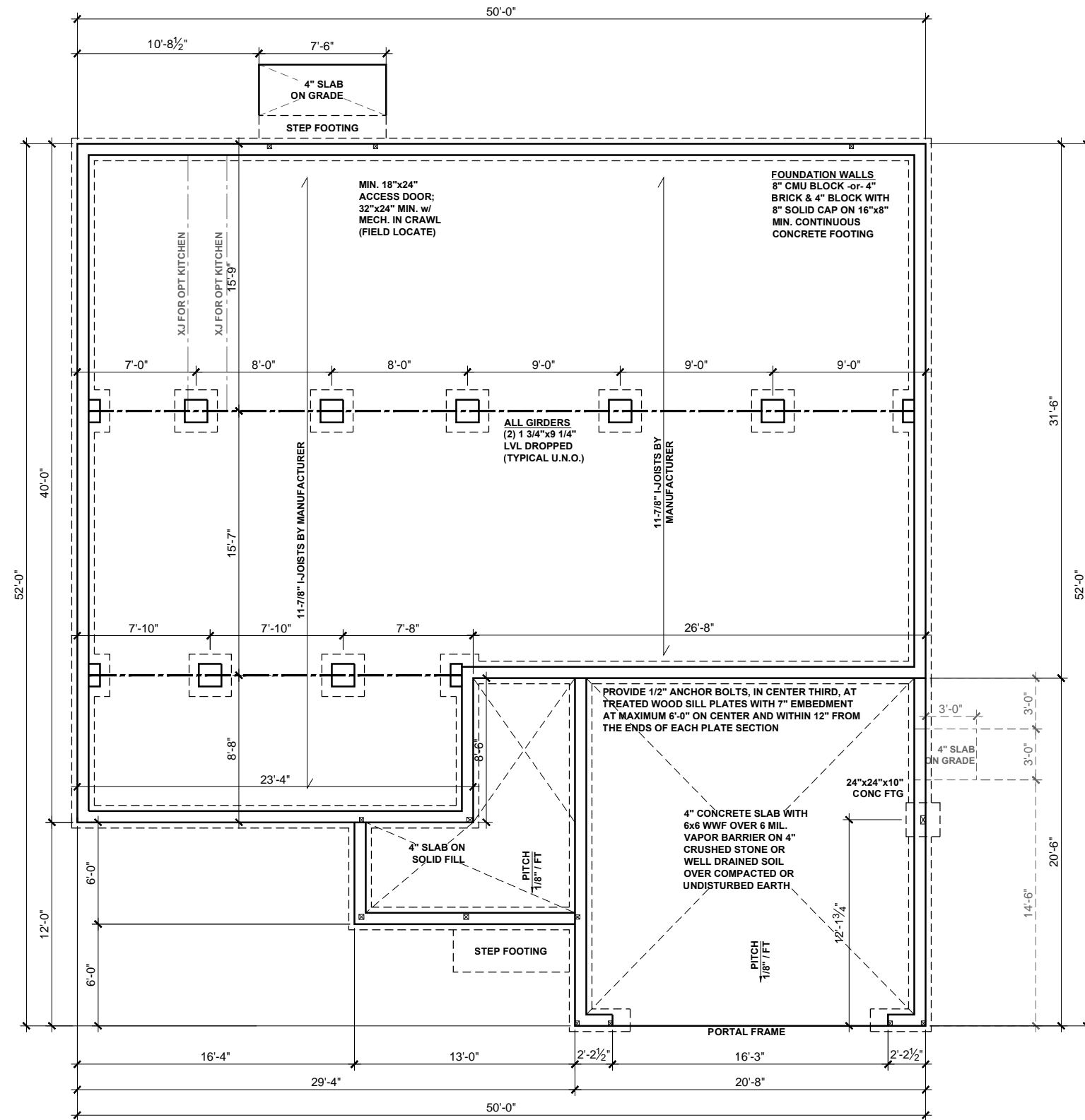
PROJECT NO.: 20901648
 DATE: 10/07/2020

PLAN:
150.1773

SLAB
 FOUNDATION PLAN
S.10D

SLAB FOUNDATION PLAN - 'D'
 SCALE: 1/8"=1'-0"

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BEAM & POINT LOAD LEGEND

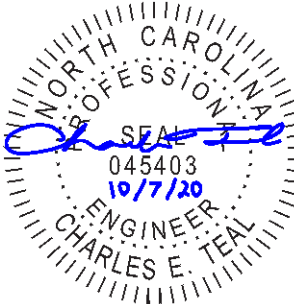
- INTERIOR LOAD BEARING WALL
- - - ROOF RAFTER / TRUSS SUPPORT
- - - DOUBLE RAFTER / DOUBLE JOIST
- STRUCTURAL BEAM / GIRDER
- WINDOW / DOOR HEADER
- ⊠ POINT LOAD TRANSFER
- POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)



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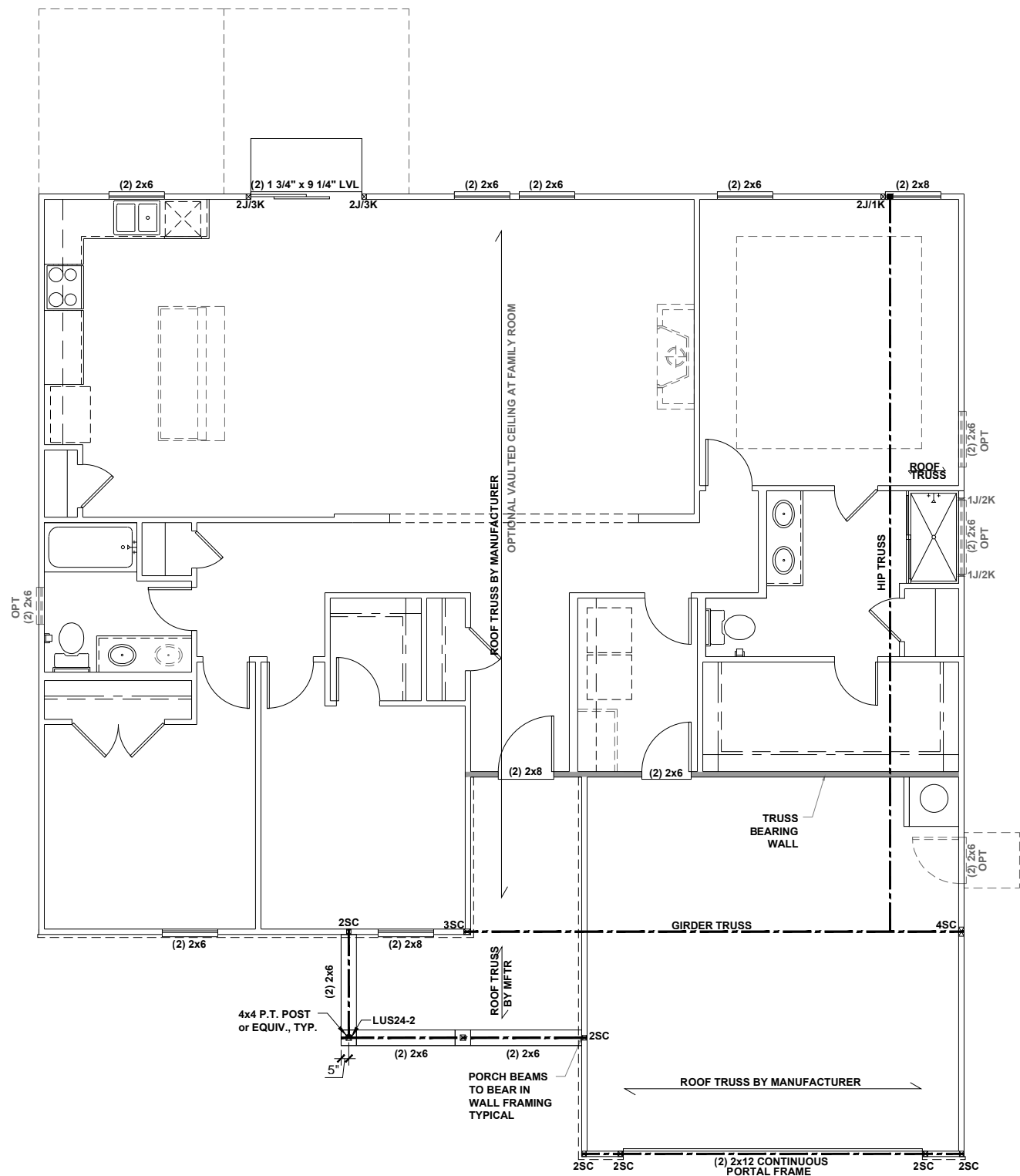
PROJECT NO.: 20901648
 DATE: 10/07/2020

PLAN:
150.1773

CRAWL SPACE
 FOUNDATION PLAN
S.30D

CRAWL SPACE FOUNDATION PLAN - 'D'
 SCALE: 1/8"=1'-0"

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BEAM & POINT LOAD LEGEND

—	INTERIOR LOAD BEARING WALL
- - -	ROOF RAFTER / TRUSS SUPPORT
- · - · -	DOUBLE RAFTER / DOUBLE JOIST
- - -	STRUCTURAL BEAM / GIRDER
—	WINDOW / DOOR HEADER
⊠	POINT LOAD TRANSFER
■	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

- STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)**
- ALL FRAMING TO BE #2 SPF MINIMUM.
 - ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED w/ MIN (1) JACK AND (1) KING EACH END, UNO.
 - EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
 - ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) J / (1) K, UNO.
 - PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
 - ALL HANGERS AND CONNECTORS SPECIFIED ARE TO BE SIMPSON STRONG-TIE OR EQUIVALENT.
 - ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY SUBSTITUTED AS NEEDED FOR EASE OF CONSTRUCTION. MINIMUM BEAM SUPPORT IS (1) 2x4 STUD.
 - ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.
 - FRONT PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT TOP AND BOTTOM USING SIMPSON (OR EQUIV) COLUMN BASE OR SST A24 BRACKETS. TRIM OUT PER BUILDER.
 - PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT BOTTOM USING SIMPSON (OR EQUIV) ABA44 AND AT TOP USING CS 16 STRAPPING (12" MIN) TO PORCH HEADER / BAND.
 - WHEN A 4-PLY LVL IS USED, ATTACH WITH (1) 1/2" Ø BOLT 12" OC STAGGERED, TOP AND BOTTOM. 1-1/2" MIN FROM ENDS. ALTERNATE ATTACHMENT EQUIVALENT METHOD MAY BE USED, SUCH AS SDW OR TRUSSLOK SCREWS (SEE MANUFACTURER'S SPECIFICATIONS).
 - FOR STUD COLUMNS OF 4 OR MORE, INSTALL SST CS16 STRAPS @ 30" OC, 6" MAX FROM PLATES, ON INSIDE FACE OF COLUMN (EXTERIOR WALL), ON BOTH FACES OF COLUMN (INTERIOR WALL).

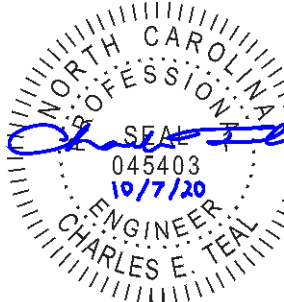
I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

ALL FLUSH BEAMS TO BE DIRECTLY SUPPORTED BY (2) 2X STUDS UNLESS OTHERWISE NOTED. STUD COLUMNS TO BE SUPPORTED BY SOLID BLOCKING TO FOUNDATION OR TO BEARING COMPONENT BELOW.

FLOOR FRAMING TO BE 14" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING



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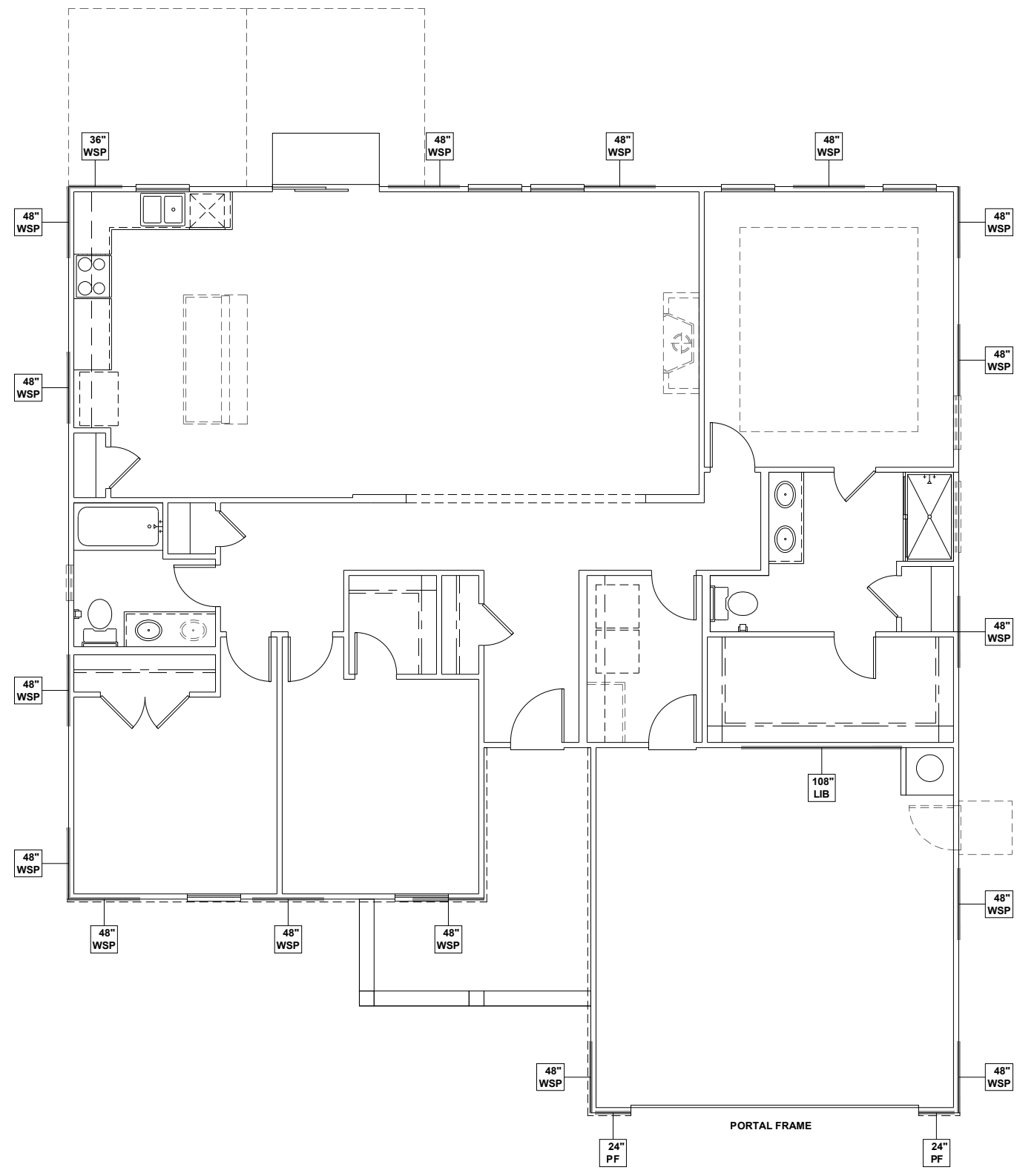
PLAN:
150.1773

FIRST FLOOR
CEILING FRAMING PLAN

S1.0D

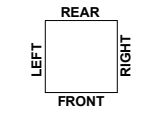
FIRST FLOOR CEILING FRAMING PLAN - 'D'
SCALE: 1/8"=1'-0"

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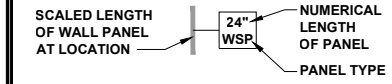


WALL BRACING REQUIREMENTS

- MINIMUM PANEL WIDTH IS 24"
- FIGURES BASED ON THE CONTINUOUS SHEATHING METHOD USING THE RECTANGLE CIRCUMSCRIBED AROUND THE FLOOR PLAN OR PORTION OF THE FLOOR PLAN. IF NO RECTANGLE IS NOTED, THE STRUCTURE HAS BEEN FIGURED ALL WITHIN ONE RECTANGLE.
- PANELS MAY SHIFT UP TO 36" EITHER DIRECTION FOR EASE OF CONSTRUCTION (NAILING & BLOCK REQUIREMENTS STILL APPLY).
- FOR ADDITIONAL WALL BRACING INFORMATION, REFER TO WALL BRACING DETAIL SHEET(S).
- SCHEMATIC BELOW INDICATES HOW SIDES OF RECTANGLE ARE TO BE INTERPRETED IN BRACING CHART WHEN APPLIED TO STRUCTURE:



- ◆ CS16 STRAP FROM STUD, CROSS HEADER, TO WALL TOP PLATE, 36" LONG MINIMUM
- ▶ SIMPSON MSTA15 HOLD DOWN CAPACITY OF 970 POUNDS PER ANCHOR WITH (12) 10d NAILS. STRAP TO BE LOCATED AT EDGE OF BRACED WALL PANEL. (CS16 STRAPPING MAY BE SUBSTITUTED w/ SIMILAR LENGTH AND NAILING PATTERN.) USE HTT4 FOR ATTACHMENT TO CONCRETE.



WALL BRACING NOTE:

WALLS WITH PROVIDED LENGTH LISTED AS "N/A" DO NOT MEET THE REQUIREMENTS OF PRESCRIPTIVE WALL BRACING FOUND IN THE NCR. THESE WALLS HAVE BEEN ENGINEERED BASED ON DESIGN GUIDELINES ESTABLISHED IN ASCE-07 AND THE NDS: WIND & SEISMIC PROVISIONS SUPPLEMENT.

WALL BRACING: RECTANGLE 1

SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	9.0 FT.	20.0 FT.
RIGHT	8.5 FT.	16.0 FT.
REAR	9.0 FT.	15.0 FT.
LEFT	8.5 FT.	24.0 FT.



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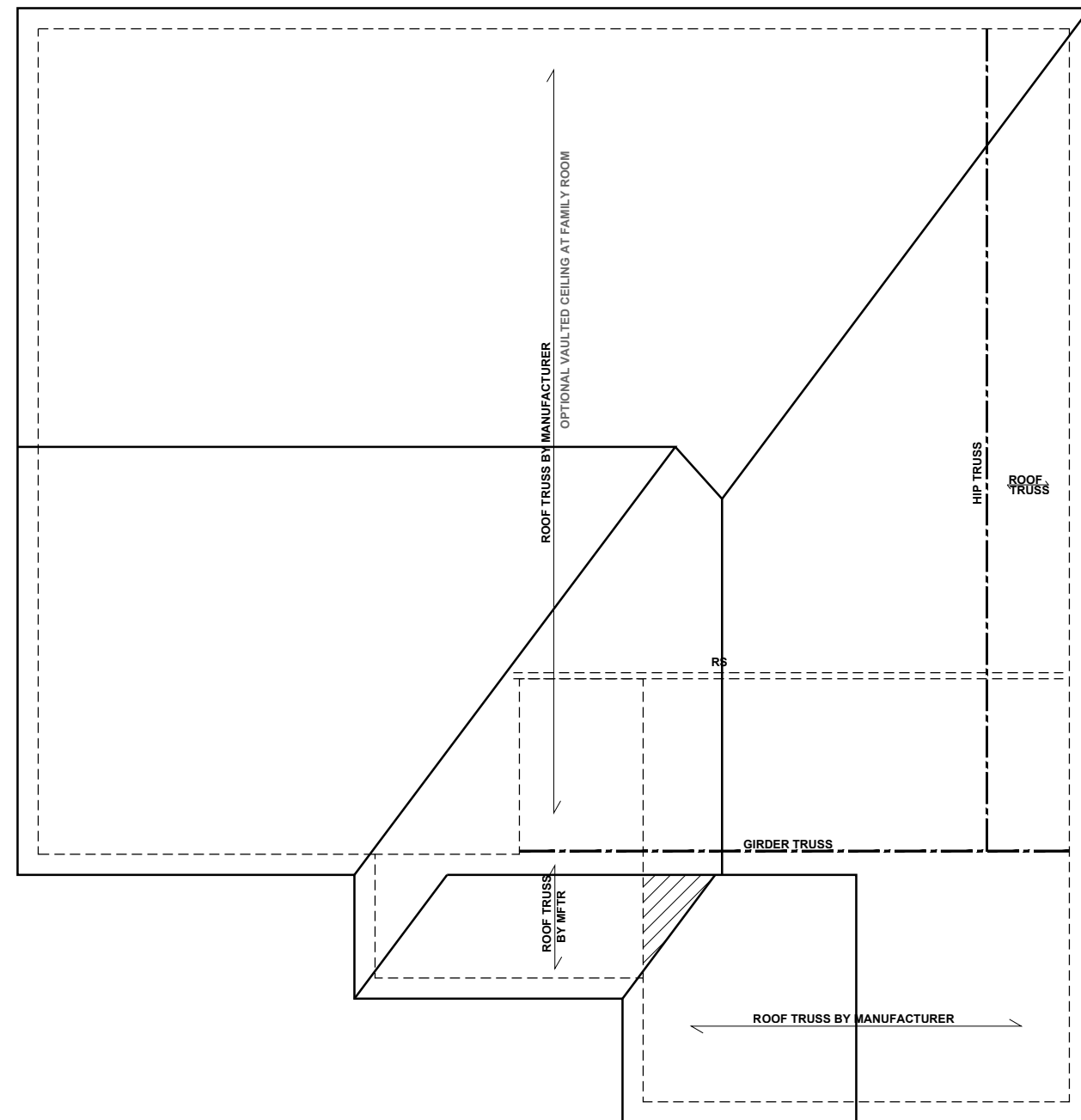
FIRST FLOOR
WALL BRACING PLAN

S4.0D

FIRST FLOOR WALL BRACING PLAN - 'D'

SCALE: 1/8"=1'-0"

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ROOF FRAMING PLAN - 'D'
SCALE: 1/8"=1'-0"

BEAM & POINT LOAD LEGEND

—	INTERIOR LOAD BEARING WALL
- - -	ROOF RAFTER / TRUSS SUPPORT
- · - · -	DOUBLE RAFTER / DOUBLE JOIST
- - -	STRUCTURAL BEAM / GIRDER
—	WINDOW / DOOR HEADER
⊠	POINT LOAD TRANSFER
■	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

- TRUSSED ROOF - STRUCTURAL NOTES**
- PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
 - DENOTES OVER-FRAMED AREA
 - MINIMUM 7/16" OSB ROOF SHEATHING
 - TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS MANUFACTURER. TRUSS PLANS TO BE COORDINATED WITH THE SEALED STRUCTURAL DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.
 - PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.
 - UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.

TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING

TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE:

ROOF PLAN UP TO 28'	CONNECTOR NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION
OVER 28'	(1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE



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ROOF FRAMING PLAN
S7.0D

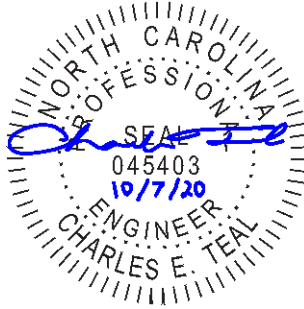
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BEAM & POINT LOAD LEGEND	
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SEE FULL PLAN FOR ADDITIONAL INFORMATION



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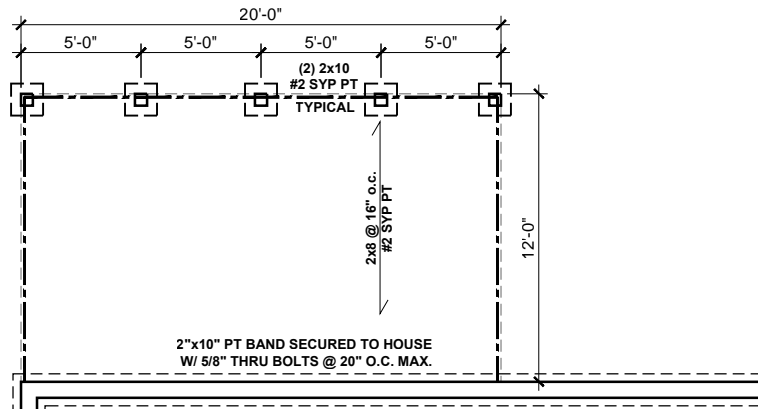
PLAN: 150.1773

REAR OPTIONS

RO1

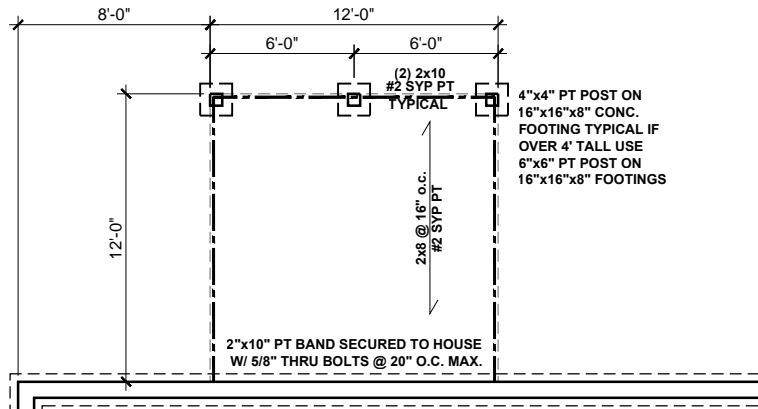
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4"x4" PT POST ON 16"x16"x8" CONC. FOOTING TYPICAL IF OVER 4' TALL USE 6"x6" PT POST ON 16"x16"x8" FOOTINGS



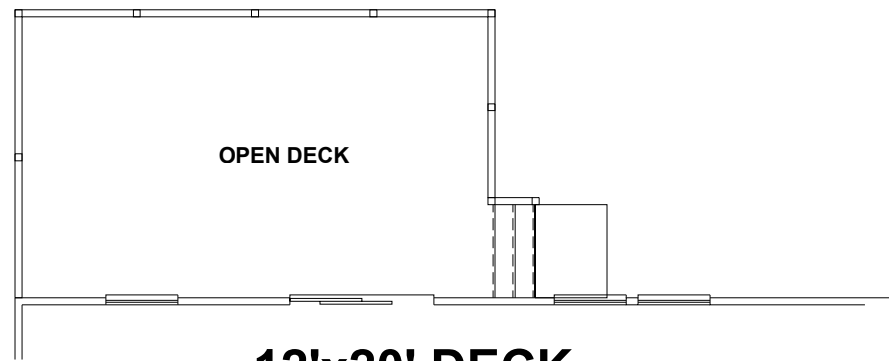
CRAWL SPACE FDN

SCALE: 1/8"=1'-0"



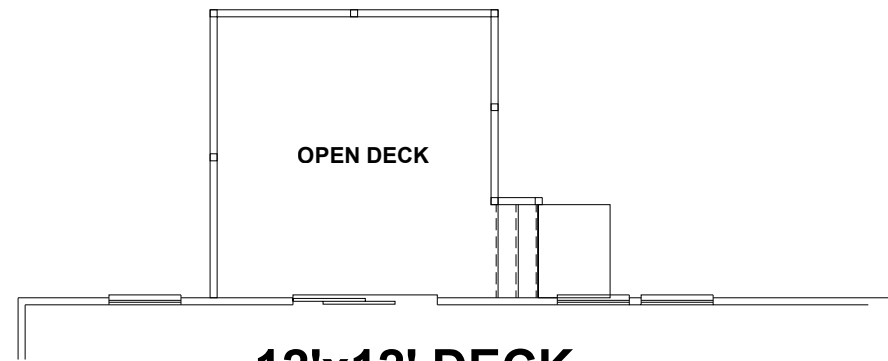
CRAWL SPACE FDN

SCALE: 1/8"=1'-0"



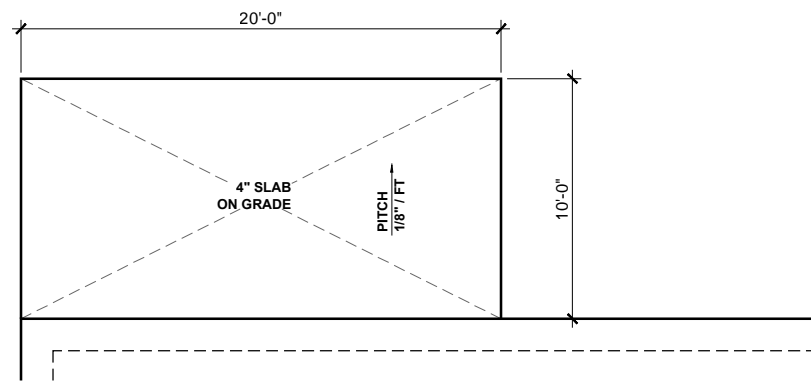
12'x20' DECK

SCALE: 1/8"=1'-0"



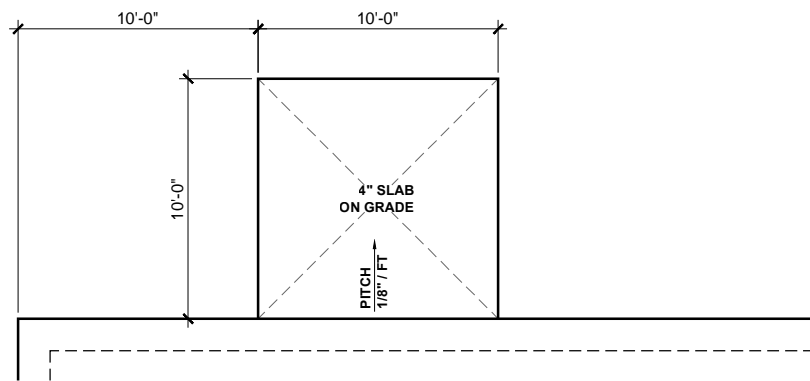
12'x12' DECK

SCALE: 1/8"=1'-0"



10'x20' PATIO SLAB

SCALE: 1/8"=1'-0"



10'x10' PATIO SLAB

SCALE: 1/8"=1'-0"

OPEN DECK



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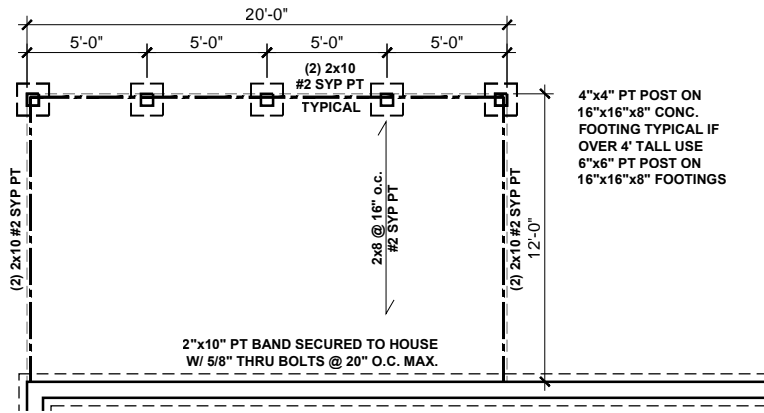
PLAN:
 150.1773

REAR OPTIONS

RO2

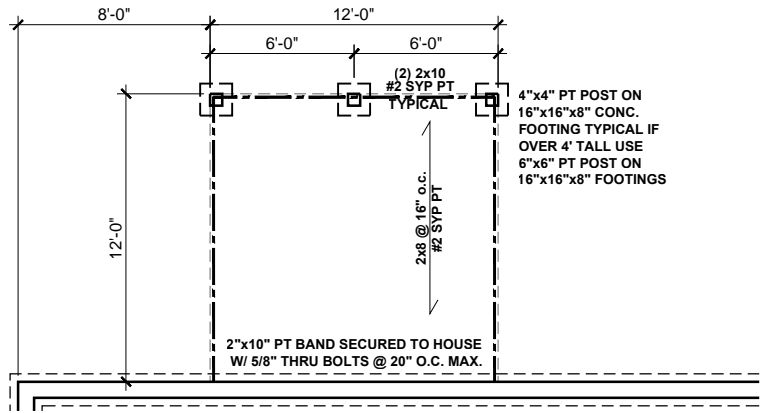
BEAM & POINT LOAD LEGEND	
	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

SEE FULL PLAN FOR ADDITIONAL INFORMATION



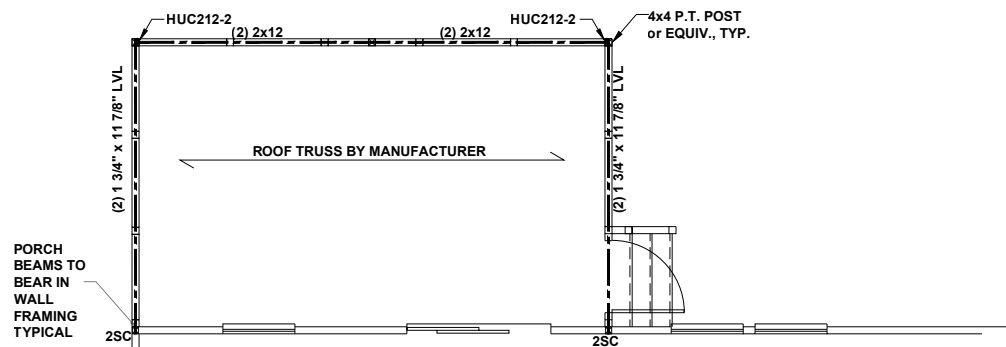
CRAWL SPACE FDN

SCALE: 1/8"=1'-0"



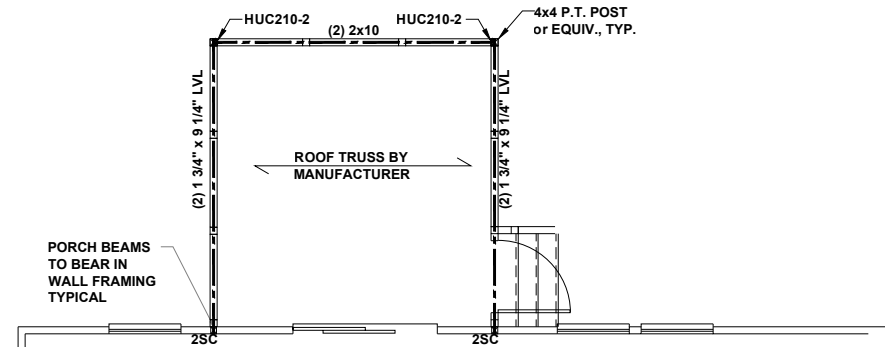
CRAWL SPACE FDN

SCALE: 1/8"=1'-0"



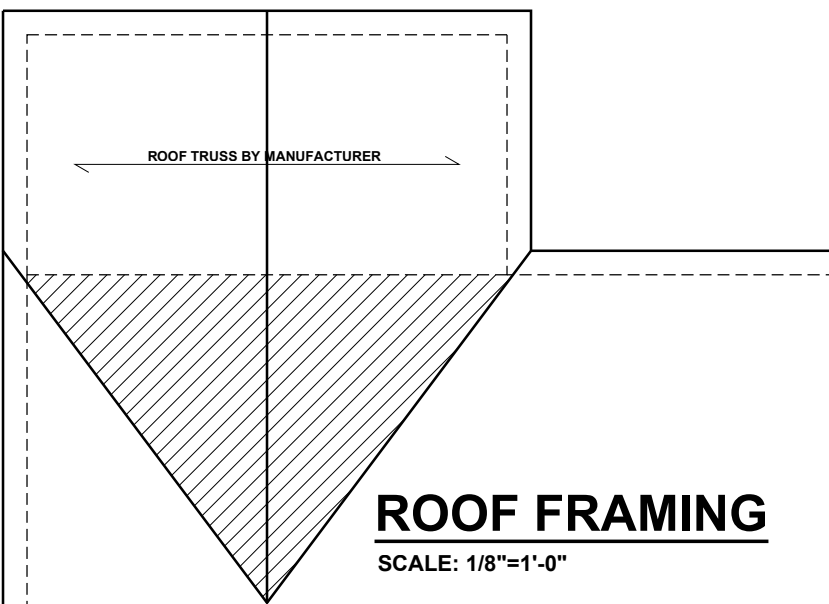
12'x20' SCREENED DECK

SCALE: 1/8"=1'-0"



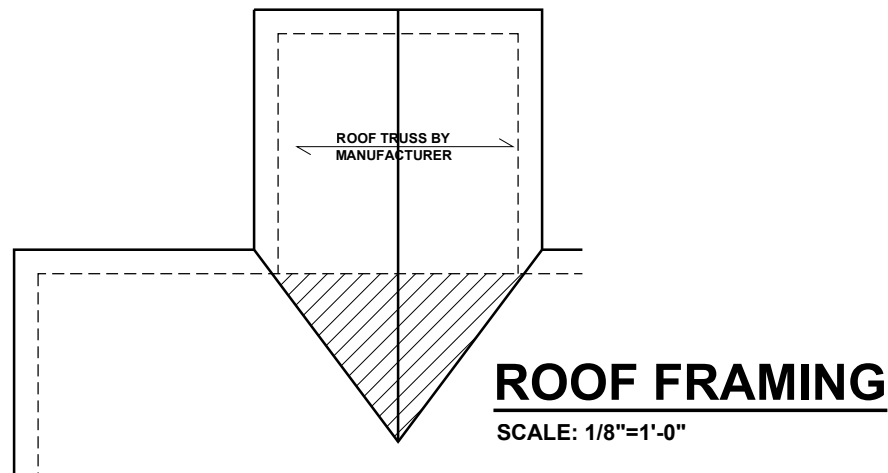
12'x12' SCREENED DECK

SCALE: 1/8"=1'-0"



ROOF FRAMING

SCALE: 1/8"=1'-0"

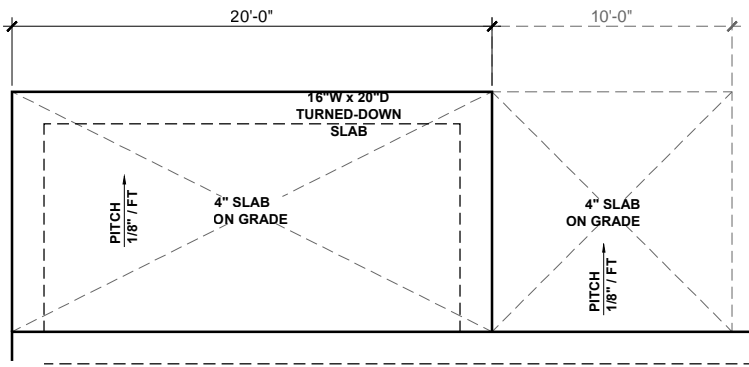


ROOF FRAMING

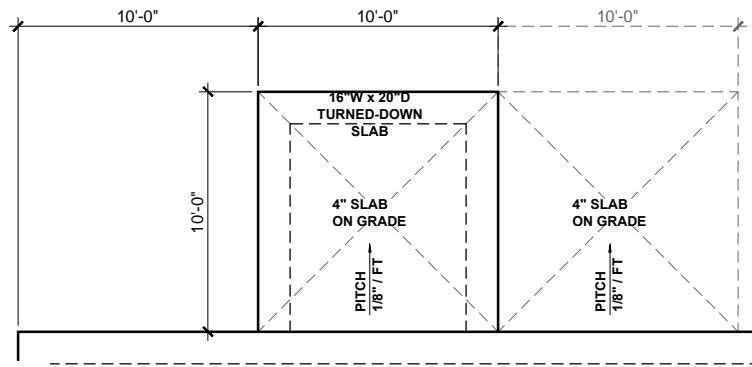
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SCREENED DECK

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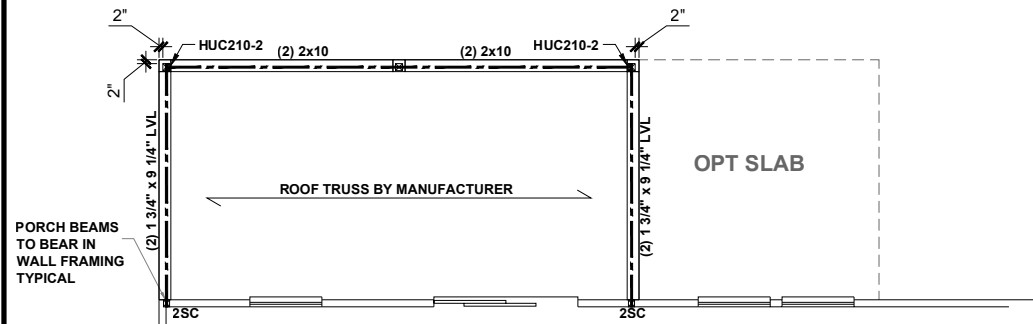
SLAB FDN
SCALE: 1/8"=1'-0"



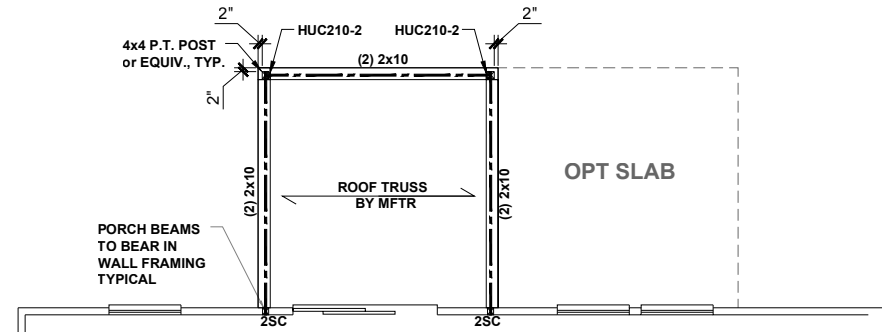
SLAB FDN
SCALE: 1/8"=1'-0"

BEAM & POINT LOAD LEGEND	
	INTERIOR LOAD BEARING WALL
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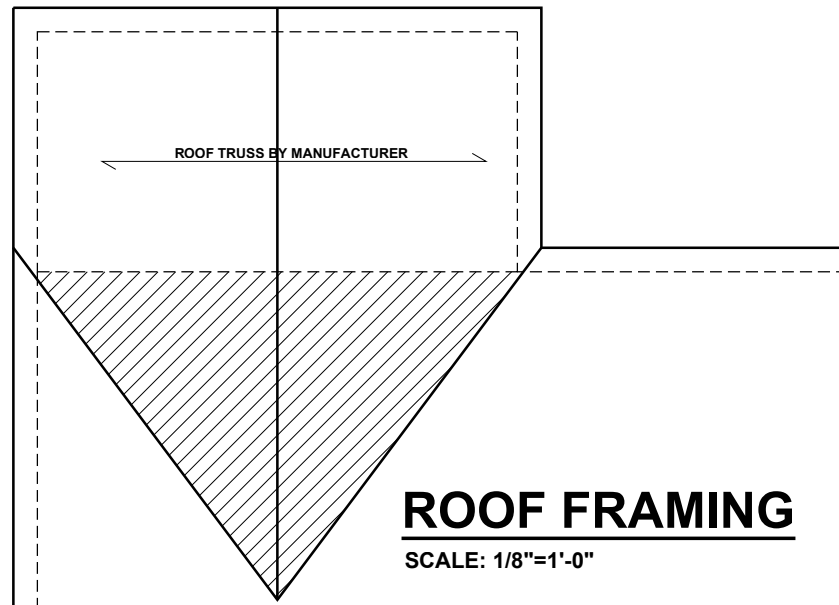
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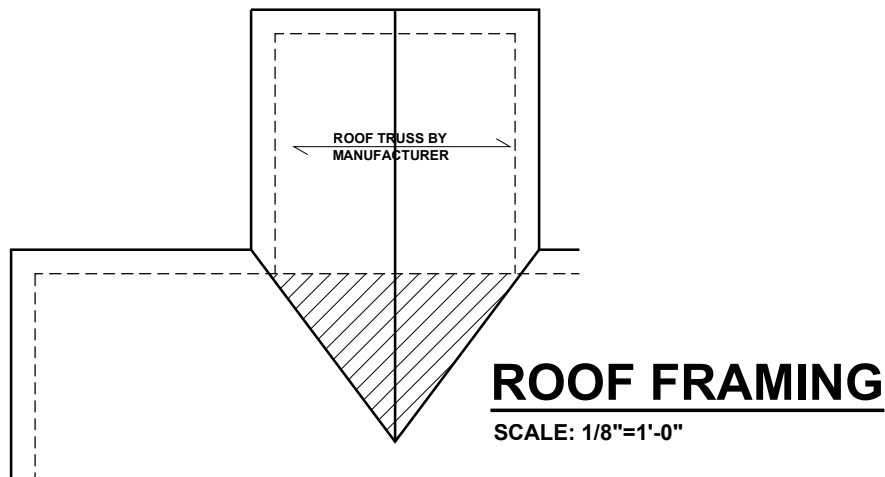
10'x20' COVERED PATIO
SCALE: 1/8"=1'-0"



10'x10' COVERED PATIO
SCALE: 1/8"=1'-0"



ROOF FRAMING
SCALE: 1/8"=1'-0"



ROOF FRAMING
SCALE: 1/8"=1'-0"

COVERED PATIO



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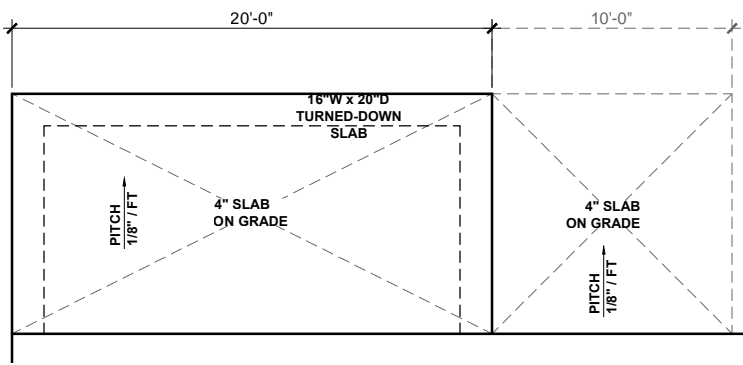


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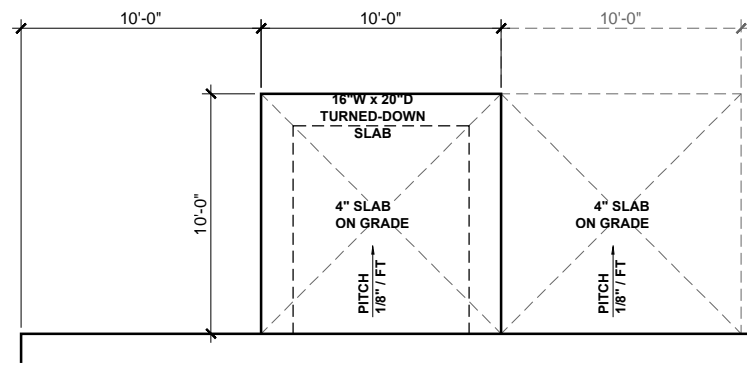
PLAN:
150.1773

REAR OPTIONS

RO3



SLAB FDN
SCALE: 1/8"=1'-0"

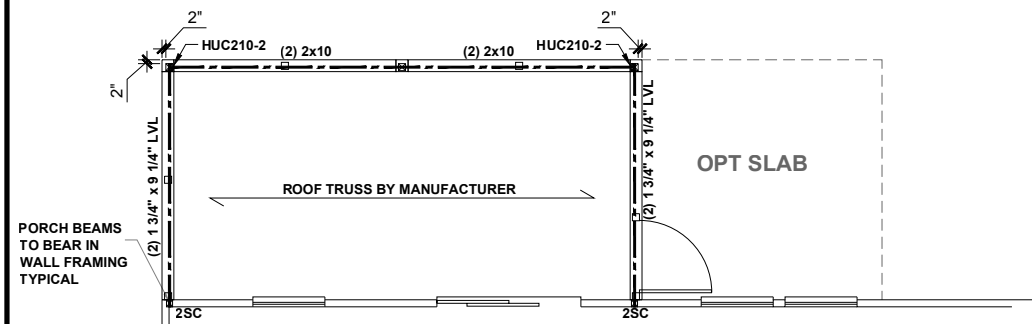


SLAB FDN
SCALE: 1/8"=1'-0"

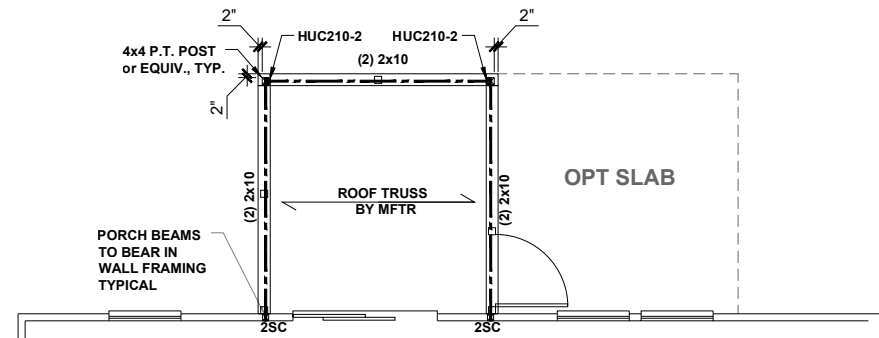
BEAM & POINT LOAD LEGEND

—	INTERIOR LOAD BEARING WALL
- - -	ROOF RAFTER / TRUSS SUPPORT
- · - · -	DOUBLE RAFTER / DOUBLE JOIST
- - -	STRUCTURAL BEAM / GIRDER
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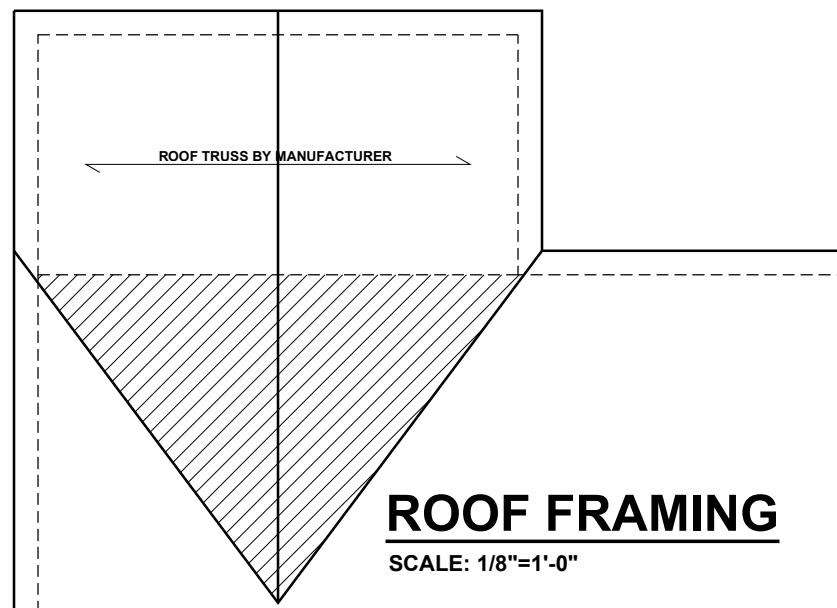
SEE FULL PLAN FOR ADDITIONAL INFORMATION



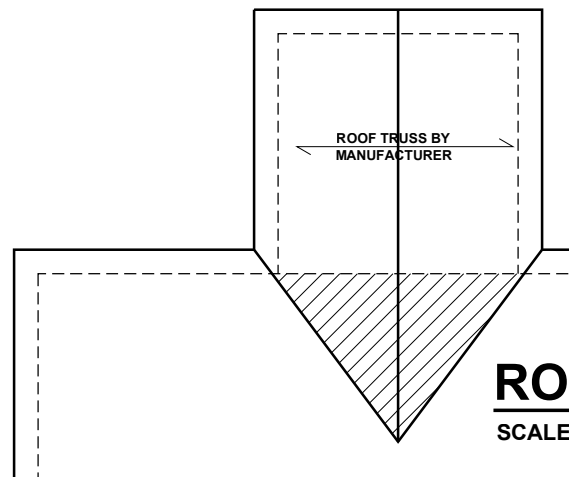
10'x20' SCREENED PATIO
SCALE: 1/8"=1'-0"



10'x10' SCREENED PATIO
SCALE: 1/8"=1'-0"



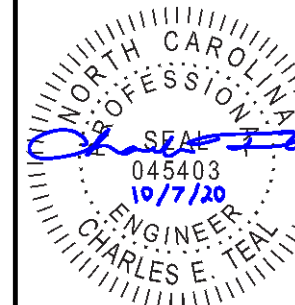
ROOF FRAMING
SCALE: 1/8"=1'-0"



ROOF FRAMING
SCALE: 1/8"=1'-0"



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P-0961

JDSfaulkner, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL REQUIREMENTS OF THESE PLANS WITHOUT THE APPROVAL OF THE EOR IS PROHIBITED.



PROJECT NO.: 20901648
DATE: 10/07/2020

PLAN:
150.1773

REAR OPTIONS

RO4

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